MODERN GEOSCIENCES
TRUSTED ENVIRONMENTAL ADVISORS

DATE May 10, 2013
PROJECT 13060

ATTN **Mr. Ron Ruthven**
City of Colleyville
100 Main Street
Colleyville, Texas 76034

SUBJECT **Padsite Monitoring Report**
Trinity Padsite
7504 Pleasant Run
Colleyville, Tarrant County, Texas

Dear Mr. Ruthven:

Modern Geosciences, LLC (Modern) is pleased to provide the attached Padsite Monitoring Report documenting the recent sampling and monitoring events at the above-reference facility (Site) during five days of hydraulic fracturing between April 22, 2013 and April 26, 2013.

The report includes the findings of our audio, visual, and olfactory (AVO) inspection, internal padsite air monitoring, external padsite air monitoring, off-site air sampling efforts, and open-path air monitoring efforts as well as any recommendations resulting from this event.

Modern has prepared the following findings and recommendations based on the event:

- AVO observations did not indicate spills, leaks or releases near wells or associated equipment during this event.
- Monitoring was performed within the padsite, immediately outside the padsite, and at three (3) discrete off-site locations approximately 800 to 1,000 feet to the northwest, south, and east-northeast of the wells.
- Periodic observations of elevated total suspended particulate (TSP; near sand operations), carbon monoxide (CO; near diesel-powered equipment), and volatile organic compounds (VOCs; near diesel-powered equipment) were noted within or adjacent to the padsite during the monitoring. Slight TSP, CO and VOC impact was intermittently observed immediately outside the padsite when elevated internal observations were also made. No elevated levels of methane, radiation, or hydrogen sulfide were identified within or outside the padsite. No elevated levels of TSP, CO, VOCs,

methane, radiation, or hydrogen sulfide were observed at the off-site ambient air monitoring locations.

- Ambient air samples were collected from each of the three off-site sampling points to aid in an evaluation of potential impact to off-site property. Samples were collected continuously between April 23, 2013 and April 25, 2013, which corresponds to the highest intensity period of on-site operations. Based on laboratory results for the ambient samples, low levels of VOCs consistent with regional background values were noted within both up and downwind samples from the Site. Additionally, the ambient samples are consistent with prior baseline sampling conducted at the padsite in 2011 prior to installation of the wells. None of the ambient air sampling results exceeded their respective TCEQ $AMCV_{ST}$ or ESL_{ST} values. Additionally, the distribution of detected VOCs does not suggest significant contribution to downwind properties during the monitoring event. This is also consistent with the off-site monitoring performed with real-time equipment during this event.
- Open-Path Monitoring (OPM) noted low levels of nitric oxide, toluene, and naphthalene during hydraulic fracturing. Additionally, low levels of ozone were noted throughout the monitoring event at levels consistent with the regional values noted at the nearest TCEQ Continuous Air Monitoring System (CAMS) facility in Grapevine, Texas.
- All emissions identified during this event appear to be related to either background levels (Ozone) or diesel exhaust. No releases, spills, or emissions were noted from the gas wells at the Site during this event.
- When flowback operations occur relative to this hydraulic fracturing event, it is recommended that monitoring consistent with the 2012 effort be employed to confirm on-site emissions do not allow exceedances of $AMCV_{ST}$ values. The likelihood of significant emissions during flowback will be lessened if use of improved capture of methane and associated VOC emissions are instituted. This may utilize vapor recovery units, a line separator to remove gases prior to the frac tank for collection in a pressurized vessel or introduction to a future transmission line (when available), and/or controlled combustion with a monitored and calibrated enclosed flare. The City should evaluate each option presented by the operator to determine which method will best meet the desired emission reductions and allow effective stimulation of the wells to occur.
- Future periodic inspection and monitoring is recommended to ensure operations continue to meet desired air quality levels both on and off the padsite. Use of a streamlined monitoring program can aid in minimizing the potential for both long-term emissions as well as early equipment failures before significant issues arise.

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CLOSING

Please refer to the report in its entirety for details of this event. Should you have comments or questions concerning the report, please contact the undersigned at your convenience.

Respectfully submitted,

Kenneth S. Tramm, PhD, PG, CHMM
SENIOR PROJECT MANAGER

MODERN GEOSCIENCES
TEXAS REGISTERED GEOSCIENCE FIRM 50411
RCAS NO. 0000167

MODERN GEOSCIENCES
TRUSTED ENVIRONMENTAL ADVISORS

DATE
May 10, 2013

PROJECT
13060

Trinity Padsite
7504 Pleasant Run, Colleyville, Texas

PADSITE MONITORING REPORT

PREPARED FOR
City of Colleyville
100 Main Street
Colleyville, Texas 76034

PREPARED BY

J. J. Hollingshead, MS
PROJECT SCIENTIST

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1. INTRODUCTION

This report was prepared on behalf of the City of Colleyville by Modern Geosciences, LLC (Modern) in accordance with our authorized scope of work.

1.1. PROJECT BACKGROUND

With the increasing natural gas exploration and production (E&P) activities in urban areas, concerns over potential long and short-term environmental impacts have caused municipalities to perform independent monitoring of air quality. Since historical E&P activities were typically found in areas with low population density and without other competing regional air quality concerns, the current regulatory climate for E&P is seen by many as insufficient for urban environments.

To address this, municipalities have developed local ordinances that supplement state and federal requirements and offer their citizens additional certainty concerning potential environmental degradation due to urban E&P activities. As part of this effort, Modern has been asked to provide an assessment of current operations at the facility detailed in this report. Evidence of fugitive air emissions, odors, visual releases and staining, or elevated air concentrations of contaminants can offer early indication that site equipment may require maintenance or can help inform more effective approaches to the same operations in the future. As the on-site equipment ages, periodic monitoring can also aid in the detection of minor issues before significant failure occurs. The results of this monitoring event only represent site conditions at the time they were collected.

The Site is currently improved with seven (7) gas wells not currently in production. A gas transmission line is not currently near the padsite. A prior "single-stage" hydraulic fracturing event and associated flowback event were conducted in early 2012. Monitoring from this 2012 event confirmed elevated VOC levels to be associated with open flowback water. The current monitoring event includes only hydraulic fracturing of an additional "stage" with flowback reportedly to occur in the future after a transmission line is in place. It is our understanding that a separator or other mitigation feature will be utilized to capture gases during a future flowback event.

1.2. PROJECT ACTIVITIES

Modern deployed Open Path Monitoring (OPM) equipment above the gas wells at the Site prior to site activities and continued monitoring during daytime (7am to 7pm) and nighttime (7pm to 7am). During the event, Modern also conducted periodic daily inspections of internal and external padsite areas to monitor for potential impact from emissions from the event.

Additionally, Modern also performed monitoring and sampling at three discrete locations (AA-1 through AA-3) located approximately 1,000 feet from the padsite. Following approximately 24 hours of sampling the equipment was collected and submitted to a Texas Commission on Environmental Quality (TCEQ) accredited laboratory for analysis of the samples. All monitoring was completed in a manner to minimize potential disruption to site or off-site operations.

Modern prepared a project-specific Health and Safety Plan (HASP) for all staff working at the padsite. This included conformance with applicable OSHA, HAZWOPER, and Operator-specified guidelines presented at the onset of the project. This may have also included limited access to select areas of the Site and use of personal protection equipment (PPE) when appropriate.

2. GENERAL PROJECT CONDITIONS

2.1. REPRESENTATIVE METEOROLOGICAL DATA

Modern deployed a Site Meteorological Station (SMS) as part of our monitoring efforts. The SMS was placed in an open area away from immediately adjacent features to allow collection of representative site-specific data. Data was collected on half hour increments.

Additionally, Modern obtained regional meteorological data from a nearby TCEQ Continuous Ambient Monitoring Station (CAMS C70) located in Grapevine, Texas. The TCEQ monitoring station is equipped with an automated ozone sensor that provides hourly measurement in addition to recording meteorological data. Data is collected on hour increments. Data from the ozone monitoring is discussed further in Section 4 of this report.

Weather data from the SMS and CAMS C70 are included below. Strong correlation was noted on overall resultant wind direction with higher wind speeds observed at the CAMS unit which has an elevated tower and is on the north shore of Lake Grapevine.

2.2. WIND CONDITIONS

<u>SMS: April 22-23, 2013 (Daytime & Nighttime)</u>

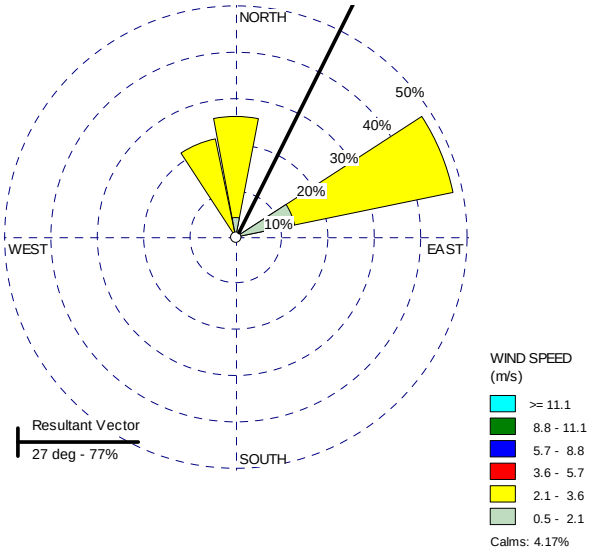
Average wind speed: **4.54 mph (2.03 m/s)**

Average wind direction (blowing to): **NNE (12°)**

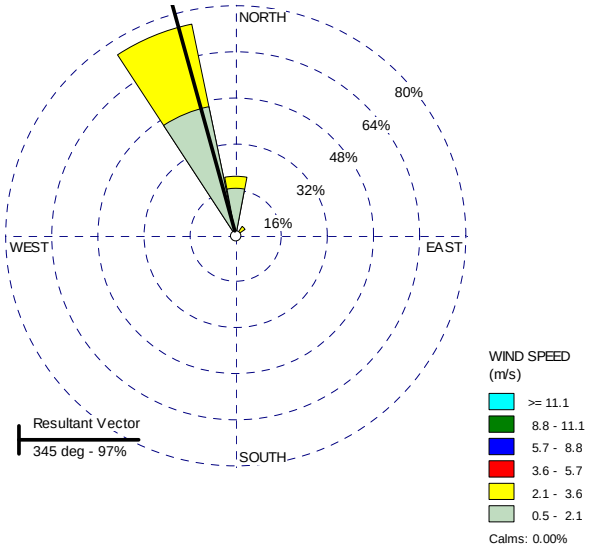
Please refer to figure below for the corresponding wind rose depiction.

FIGURE R1 – SMS WIND DATA (APRIL 22-23)

Daytime (7am – 7pm)



Nighttime (7pm – 7am)



Regional CAMS: April 22-23, 2013 (Daytime and Nighttime)

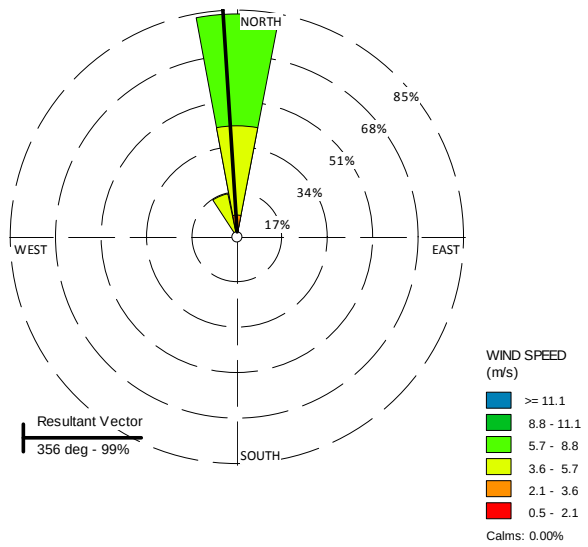
Average wind speed: **10.73 mph (4.79 m/s)**

Average wind direction (blowing to): **NNW (352°)**

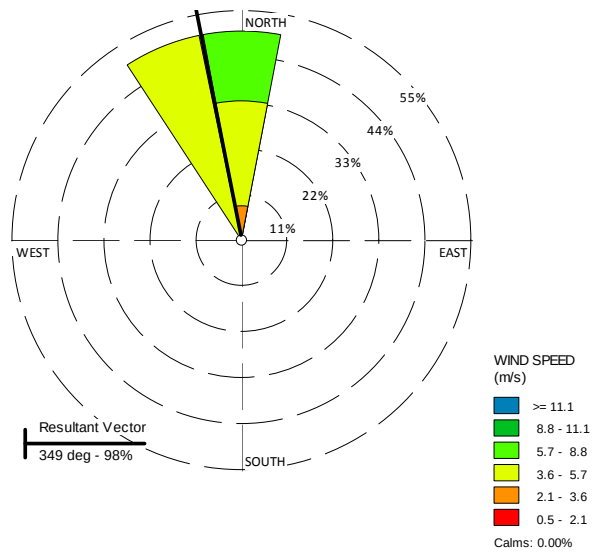
Please refer to figure below for the corresponding wind rose depiction.

FIGURE R2 – CAMS WIND DATA (APRIL 22-23)

Daytime (7am – 7pm)



Nighttime (7pm – 7am)



SMS: April 23-24, 2013 (Daytime & Nighttime)

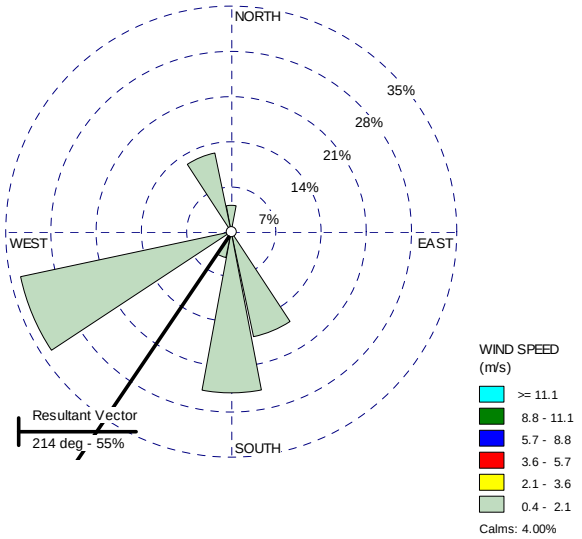
Average wind speed: **1.02 mph (0.46 m/s)**

Average wind direction (blowing to): **SW (233.5°)**

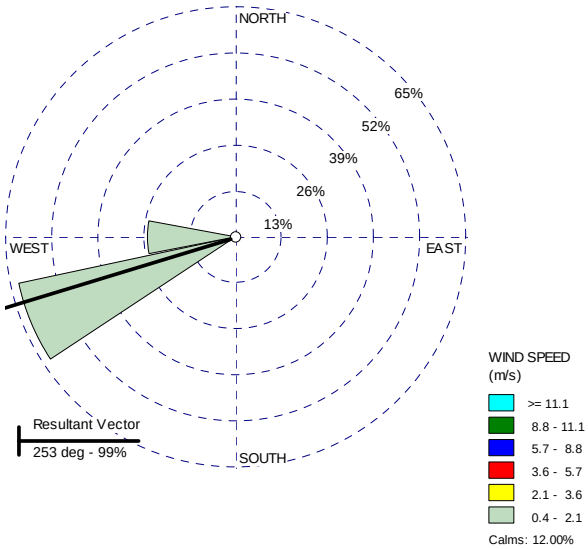
Please refer to figure below for the corresponding wind rose depiction.

FIGURE R3 – SMS WIND DATA (APRIL 23-23)

Daytime (7am – 7pm)



Nighttime (7pm – 7am)



Regional CAMS: April 23-24, 2013 (Daytime and Nighttime)

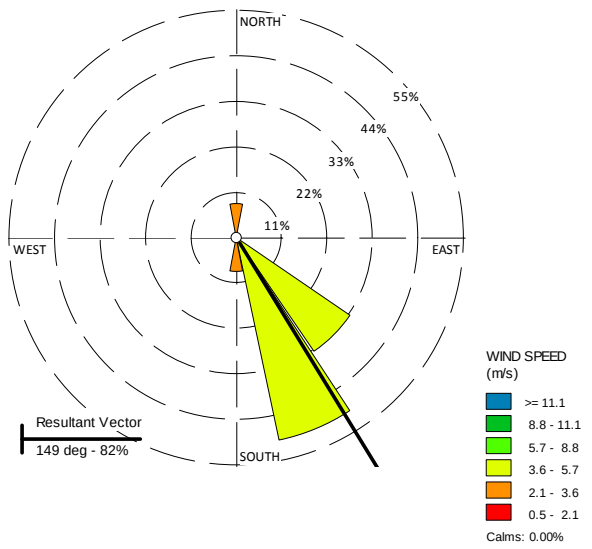
Average wind speed: **8.53 mph (3.81 m/s)**

Average wind direction (blowing to): **SSE (157˚)**

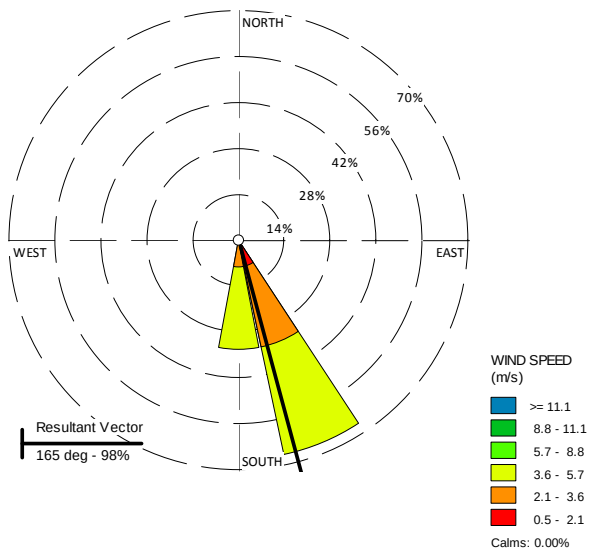
Please refer to figure below for the corresponding wind rose depiction.

FIGURE R4 – CAMS WIND DATA (APRIL 23-24)

Daytime (7am – 7pm)



Nighttime (7pm – 7am)



SMS: April 24-25, 2013 (Daytime & Nighttime)

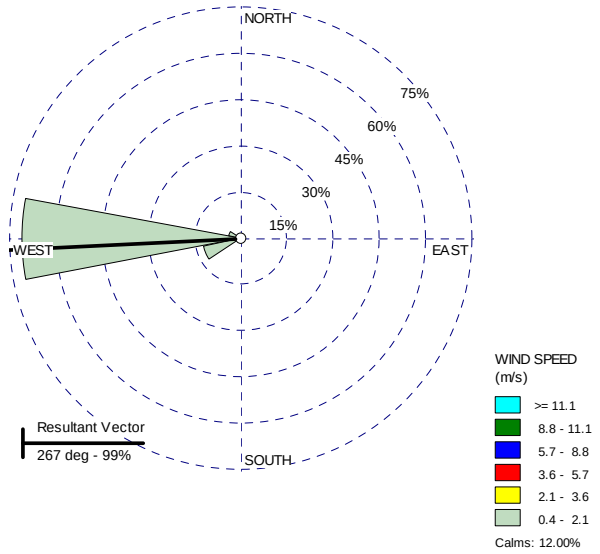
Average wind speed: **1.02 mph (0.46 m/s)**

Average wind direction (blowing to): **W (272°)**

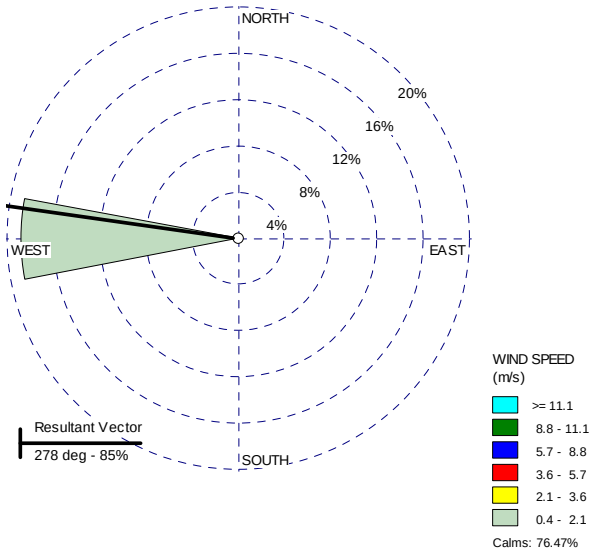
Please refer to figure below for the corresponding wind rose depiction.

FIGURE R5 – SMS WIND DATA (APRIL 24-25)

Daytime (7am – 7pm)



Nighttime (7pm – 7am)



Regional CAMS: April 24-25, 2013 (Daytime and Nighttime)

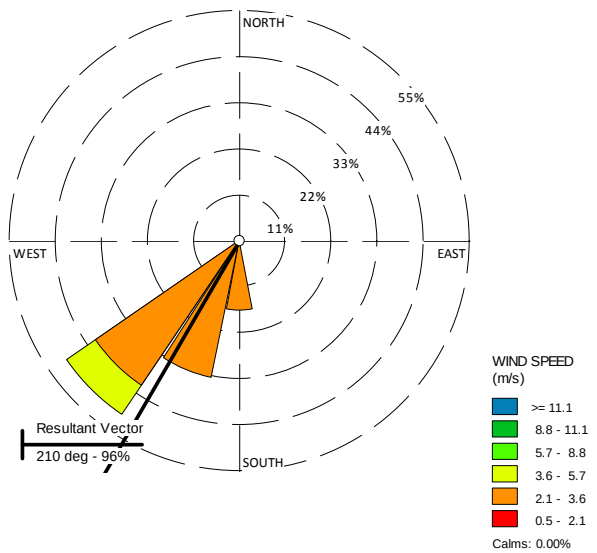
Average wind speed: **5.12 mph (2.29 m/s)**

Average wind direction (blowing to): **SW (215.5°)**

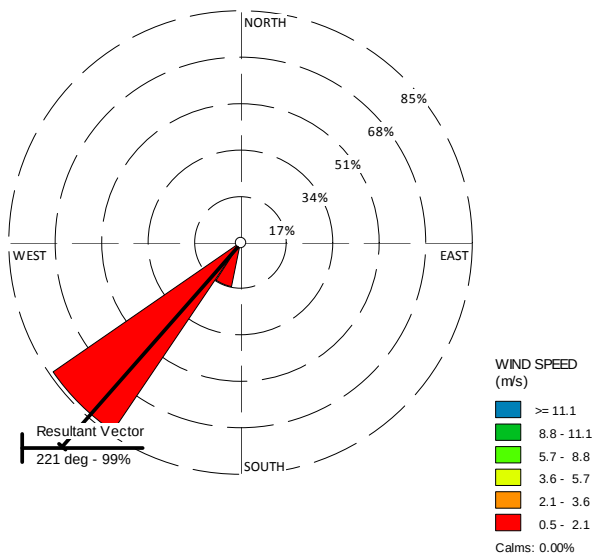
Please refer to figure below for the corresponding wind rose depiction.

FIGURE R6 – CAMS WIND DATA (APRIL 24-25)

Daytime (7am – 7pm)



Nighttime (7pm – 7am)



SMS: April 25-26, 2013 (Daytime & Nighttime)

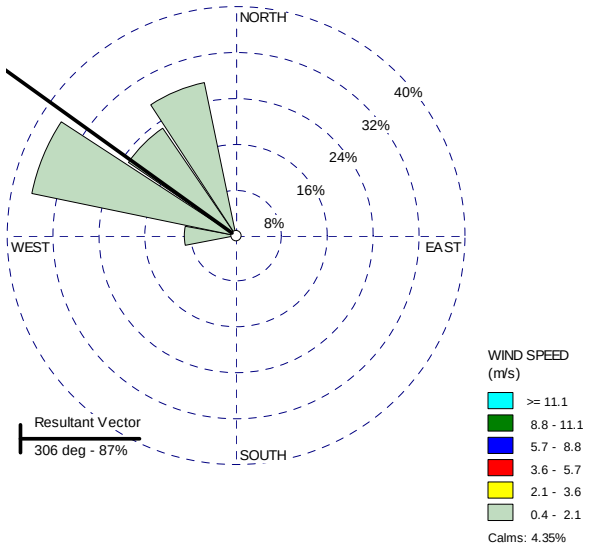
Average wind speed: **2.14 mph (0.96 m/s)**

Average wind direction (blowing to): **NW (334°)**

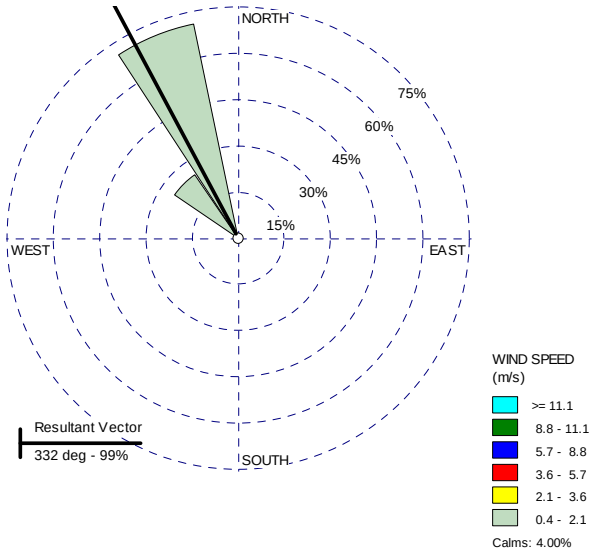
Please refer to figure below for the corresponding wind rose depiction.

FIGURE R7 – SMS WIND DATA (APRIL 25-26)

Daytime (7am – 7pm)



Nighttime (7pm – 7am)



Regional CAMS: April 25-26, 2013 (Daytime and Nighttime)

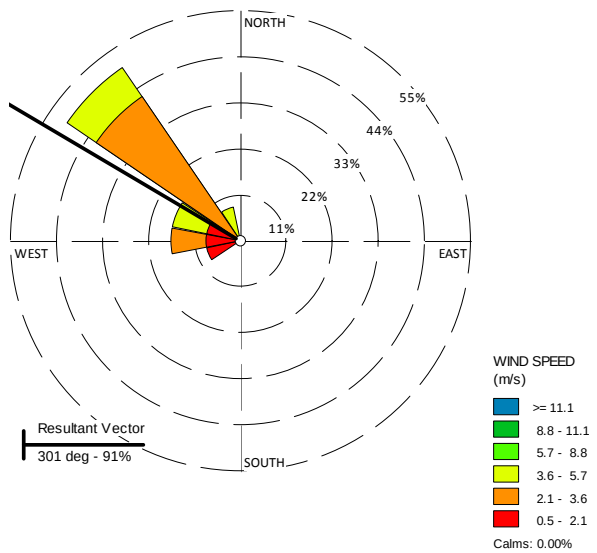
Average wind speed: **6.95 mph (3.11 m/s)**

Average wind direction (blowing to): **NW (313°)**

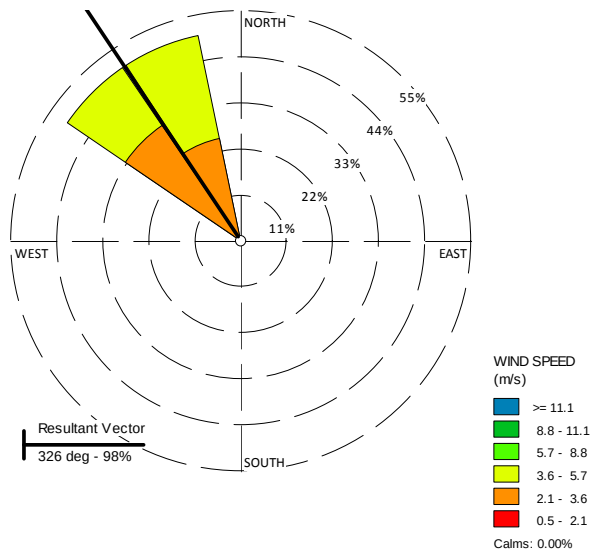
Please refer to figure below for the corresponding wind rose depiction.

FIGURE R8 – CAMS WIND DATA (APRIL 25-26)

Daytime (7am – 7pm)



Nighttime (7pm – 7am)



SMS: April 26, 2013 (Daytime)

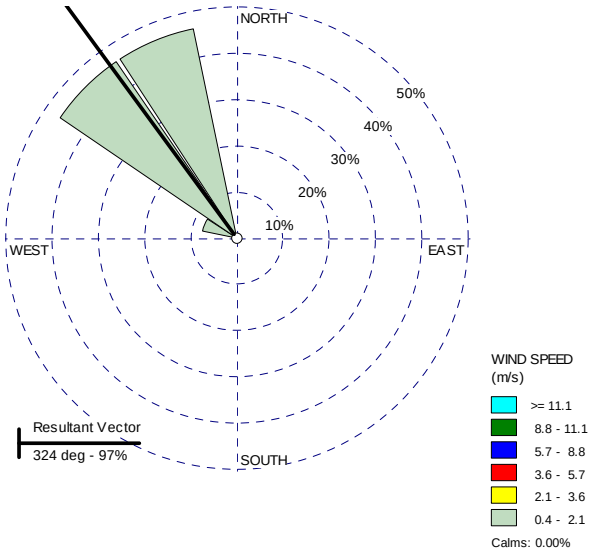
Average wind speed: **2.15mph (1.13 m/s)**

Average wind direction (blowing to): **NW (324°)**

Please refer to figure below for the corresponding wind rose depiction.

FIGURE R9 – SMS WIND DATA (APRIL 26)

Daytime (7am – 7pm)



<u>Regional CAMS: April 26, 2013 (Daytime)</u>

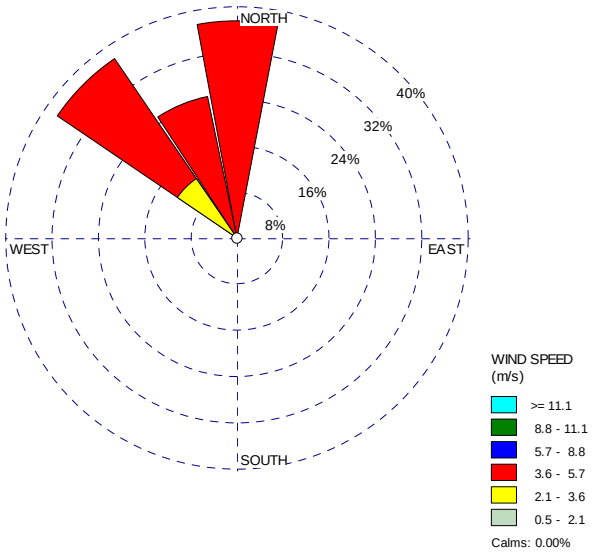
Average wind speed: **8.96 mph (4.01 m/s)**

Average wind direction (blowing to): **NW (325°)**

Please refer to figure below for the corresponding wind rose depiction.

FIGURE R10 – CAMS WIND DATA (APRIL 26)

Daytime (7am – 2pm)



2.3. TEMPERATURE

Temperatures at the Site ranged from approximately 35° F to 79° F during the monitoring period.

2.4. PRECIPITATION

The total precipitation at the Site was 0.9 inches (recorded on April 23-24, 2013) during the monitoring period.

2.5. RELATIVE HUMIDITY

Relative humidity at the Site ranged from approximately 26% to 90% during the monitoring period.

2.6. BAROMETRIC PRESSURE

Barometric pressures at the Site ranged from 29.6 to 30.1 inches mercury during the monitoring period.

3. AVO AND NEAR-EQUIPMENT MONITORING

As part of this monitoring event, Modern performed audio, visual, and olfactory (AVO) monitoring and real-time air and radiation monitoring.

3.1. INSPECTION POINTS

Below is a listing of site inspection points included.

- Internal Padsite Areas – A walking survey was made along the northern, eastern, southern, and western perimeters of the fenced padsite.
- External Padsite Areas – A walking survey was made outside of the fenced padsite along the northern, eastern, southern, and western perimeters.
- Off-site Ambient Sampling Locations – Three discrete locations were selected within an approximate 1,000 foot radius of the Site. Concurrent with collection of ambient air samples, monitoring was performed.

3.2. AIR EMISSION MONITORING

Target COCs selected for this monitoring event included volatile organic compounds (VOCs), methane, carbon monoxide, and hydrogen sulfide. Monitoring equipment specifications are noted below.

Multi-Gas Meter

Modern utilized a multi-gas meter to aid in the identification of potential emissions at the Site.

Parameter:	Detection Ranges:	Resolution:
Methane	0 to 10,000 ppmv	1 ppmv
Methane	0 to 100% by volume	0.1%
Lower Explosive Limit	0 to 100% (5% by volume)	0.1%
Oxygen	0 to 25% by volume	0.1%
Hydrogen Sulfide	0 to 100 ppmv	1 ppmv
Carbon Monoxide	0 to 2,000 ppmv	1 ppmv
Response time: 3 seconds		

Photoionization Detector

A high resolution photoionization detector (PID) was selected to provide a useful depiction of total VOCs (tVOCs). The PID has a tVOC resolution of 1.0 ppbv and detection range of 1 ppbv to 10,000 ppmv and utilizes a 10.6 ev ionization source. PID response time is 3 seconds. Selected COCs detectable using this PID include the following. These are presented as a tVOC result with a single combined value.

Acetaldehyde	1,2-Dichloroethylene	Methyl Mercaptan
Acetic Anhydride	Dimethyl Amine	Morpholine
Acetone	Dimethyl Aniline	Nitrobenzene
Acrolein	Ethyl Acetate	Nitrogen Dioxide
Allyl Alcohol	Ethyl Bromide	m-Nitrotoluene
Allyl Chloride	Ethyl Butyl Ketone	Octane
Ammonia	Ethyl Chloride	2-Pentanone
Aniline	Ethyl Mercaptan	Phosphine
Benzene	Heptane	n-Propyl Acetate
Benzyl Chloride	Hydrogen Sulfide	n-Propyl Alcohol
1,3-Butadiene	Isoamyl Acetate	Propylene Oxide
n-Butyl Amine	Isoamyl Alcohol	Styrene
Carbon Disulfide	Isopropyl Acetate	Toluene
Chlorobenzene	Isopropyl Alcohol	o-Toluidine
Crotonaldehyde	Isopropyl Amine	Trichloroethylene
Cyclohexane	Isopropyl Ether	Triethylamine
Cyclohexanol	Methyl Acetate	Vinyl Chloride
Cyclohexanone	Methyl Acetylene	m-Xylene
Cyclohexene	Methyl Amine	Phosphine
	Methyl Ethyl Ketone	n-Propyl Acetate

Total Suspended Particulate Monitor

Modern utilized a real-time particulate monitor during our perimeter evaluation efforts. The monitor utilizes an infrared beam to measure airborne particles in accordance with NIOSH Method 0600. Particle sizes from 0.01 µm to 50 µm are recorded as a total suspended particulate (TSP) value (mg/m^3).

Radiation Meter

Modern utilized calibrated radiation survey instrument(s) in compliance with Texas Department of State Health Services (DSHS) regulations in 25 TAC 289.259(e) with sensitivity of 1 µR/hr to 500 µR/hr to identify Naturally Occurring Radioactive Material (NORM).

The field radiation meter selected for this inspection utilized a halogen-quenched Geiger-Mueller tube to detect radiation. The Geiger tube generates a pulse of electrical current each time radiation passes through the tube and causes ionization. The meter's operating range is from 1 µR/hr to 100 mR/hr with an anticipated 15% standard deviation for low range detections (<50 mR/hr). The meter measures a combined result of α, β, ϒ, and x-ray radiation and is optimized to detect small changes in radiation levels and to have high sensitivity to many

common radionuclides. When evaluating facility equipment, the radiation meter is placed immediately adjacent to equipment surfaces to minimize background interference from naturally occurring atmospheric radiation levels. Ambient readings are taken away from equipment during inspections with handheld sensors.

Naturally occurring radionuclides are present in the earth's crust and can be concentrated and/or enhanced during the production of oil and gas. The most common occurrence of enhanced naturally-occurring radioactive material (NORM) during production will often be within scale and sludge that can accumulate in pipes, pressure vessels, or ASTs. When well- maintained, minimal NORM should accumulate within system components. Common scale found in oil and gas production includes barium sulfate, strontium sulfate and calcium carbonate. There are three types of radiation associated with NORM. These include alpha (α), beta (β), and gamma (Υ) particles. The level of NORM accumulation will vary greatly from one facility to the next depending on the age of operations, geological formation, and equipment maintenance programs.

3.3. AIR EMISSION LEAK/THRESHOLD SCREENING DEFINITIONS

For the purposes of this monitoring effort, the following leak definitions have been utilized:

Methane: 5,000 ppmv (10% LEL) – at padsite perimeter (work and non-work areas)
Hydrogen Sulfide (H_2S): 5 ppmv (50% NIOSH 10-minute IDLH ceiling) (work and non-work areas)
Carbon Monoxide: 9 ppmv (8-hour NAAQS)
tVOCs: 50 ppmv (work areas); 25 ppmv (non-work areas)
TSP: 15 mg/m^3 (OSHA PEL; work areas); 1.5 mg/m^3 (non-work areas)
NORM: 50 µR/hr (16 TAC §4; Environmental Protection, Subchapter F, Oil and Gas NORM) (work and non-work areas)

The above references were utilized as they represent non-ambient conditions that would typically indicate a significant contribution of COC emissions from production equipment. For example, much higher tVOC values (i.e., 500 ppmv*) are allowed under certain regulatory criteria, but could result in unwanted off-site impacts to nearby property owners under certain meteorological and release conditions.

*The EPA updated Leak Definitions in April 2012 for valves and equipment leaks at natural gas processing plants under 40 CFR Part 63 (EPA-HQ-OAR-2010-0505; FRL-RIN 2060-AP76)

3.4. INSPECTION RESULTS – INTERNAL PADSITE AREAS

Modern visited the Site during operational hours to record internal AVO and monitoring results along the northern, eastern, southern, and western edges of the fenced padsite. The monitoring results recorded represent the highest observed along the entire section of the padsite traversed.

AVO Results

Diesel engine exhaust was noted during operational hours within the padsite boundaries. Sand/particulate matter was observed during the sand loading activities near the sand and water mixing equipment. Significant engine noise was noted during operational hours. No spills or releases were noted.

MONITORING RESULTS

The highest observed daily monitoring results are noted in the following table.

Table R1 Internal Padsite Monitoring Results

Date	Time(s)	COC	Screening Goal	North	East	South	West
04/22/13	0730 1245 1610	Methane:	≤ 5,000 ppmv	<1	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1	<1
		tVOCs:	≤ 50 ppmv	<0.001	**0.210**	<0.001	<0.001
		TSP:	≤ 15 mg/m^3	<0.5	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15	<15
04/23/13	0645 0945 1305	Methane:	≤ 5,000 ppmv	<1	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1	<1
		tVOCs:	≤ 50 ppmv	**4.22**	**4.67**	**5.28**	**9.69**
		TSP:	≤ 15 mg/m^3	<0.5	**1.75**	**0.65**	**3.13**
		NORM:	≤ 50 µR/hr	<15	<15	<15	<15
04/24/13	0930 1650	Methane:	≤ 5,000 ppmv	<1	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	**2**	<1
		tVOCs:	≤ 50 ppmv	<0.001	**0.112**	<0.001	**0.010**
		TSP:	≤ 15 mg/m^3	<0.5	<0.5	<0.5	**2.25**
		NORM:	≤ 50 µR/hr	<15	<15	<15	<15
04/25/13	0720 1510	Methane:	≤ 5,000 ppmv	<1	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1	<1
		tVOCs:	≤ 50 ppmv	<0.001	<0.001	<0.001	**0.315**
		TSP:	≤ 15 mg/m^3	<0.5	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15	<15
04/26/13	0720	Methane:	≤ 5,000 ppmv	<1	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1	<1
		tVOCs:	≤ 50 ppmv	<0.001	<0.001	**0.050**	**0.011**
		TSP:	≤ 15 mg/m^3	<0.5	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15	<15

The observed Internal Padsite results did not exceed the respective monitoring goals.

3.5. INSPECTION RESULTS – EXTERNAL PADSITE AREAS

Modern visited the Site during operational hours to record external AVO and monitoring results along the northern, eastern, southern, and western edges of the fenced padsite. The monitoring results recorded represent the highest observed along the entire area traversed.

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AVO Results

Occasional diesel engine exhaust was noted during operational hours. These were most notable near the external diesel pumps used to transfer stock pond water to the water/sand mixing areas. Sand/particulate matter was occasionally observed during the sand loading activities at the northwestern portion of the padsite. Moderate engine noise was noted during operational hours within approximately 200 feet of the padsite. No spills of releases were noted outside the padsite.

Monitoring Results

The highest observed daily monitoring results are noted in the following table.

Table R2 External Padsite Monitoring Results

Date	Time(s)	COC	Screening Goal	North	East	South	West
04/22/13	0750 1310 1640	Methane:	≤ 5,000 ppmv	<1	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1	<1
		tVOCs:	≤ 25 ppmv	<0.001	<0.001	<0.001	<0.001
		TSP:	≤ 1.5 mg/m^3	<0.5	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15	<15
04/23/13	0710 1010 1325	Methane:	≤ 5,000 ppmv	<1	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1	<1
		tVOCs:	≤ 25 ppmv	<0.001	<0.001	**3.530**	**6.120**
		TSP:	≤ 1.5 mg/m^3	<0.5	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15	<15
04/24/13	1000 1715	Methane:	≤ 5,000 ppmv	<1	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	**1**	<1
		tVOCs:	≤ 25 ppmv	<0.001	<0.001	<0.001	<0.001
		TSP:	≤ 1.5 mg/m^3	<0.5	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15	<15
04/25/13	0745 1540	Methane:	≤ 5,000 ppmv	<1	<1	<1	**2***
		H_2S:	≤ 5 ppmv	<1	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1	**3***
		tVOCs:	≤ 25 ppmv	<0.001	<0.001	<0.001	**0.015**
		TSP:	≤ 1.5 mg/m^3	<0.5	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15	<15
04/26/13	0750	Methane:	≤ 5,000 ppmv	<1	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1	<1
		tVOCs:	≤ 25 ppmv	<0.001	<0.001	<0.001	<0.001
		TSP:	≤ 1.5 mg/m^3	<0.5	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15	<15

*Noted immediately adjacent to the diesel pump engines.

The observed External Padsite results did not exceed the respective monitoring goals.

3.6. INSPECTION RESULTS – AMBIENT AIR SAMPLING POINTS

Modern visited the ambient air sample points to set and retrieve sampling equipment. During the field efforts, AVO and monitoring results were recorded. The monitoring results recorded represent the highest observed.

AVO Results

No visible emissions were noted from the ambient sampling points. Very slight engine noise was noted during operational hours within approximately 1,000 feet of the padsite. No spills of releases were noted at the ambient air sample points.

Monitoring Results

The highest observed daily monitoring results are noted in the following table.

Table R3 Ambient Air Sample Point Monitoring Results

Date	Time(s)	COC	Screening Goal	AA-1	AA-2	AA-3
04/23/13	1210 1230 1250	Methane:	≤ 5,000 ppmv	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1
		tVOCs:	≤ 25 ppmv	<0.001	<0.001	<0.001
		TSP:	≤ 1.5 mg/m^3	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15
04/24/13	1215 1235 1255	Methane:	≤ 5,000 ppmv	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1
		tVOCs:	≤ 25 ppmv	<0.001	<0.001	<0.001
		TSP:	≤ 1.5 mg/m^3	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15
04/25/13	1220 1240 1300	Methane:	≤ 5,000 ppmv	<1	<1	<1
		H_2S:	≤ 5 ppmv	<1	<1	<1
		CO:	≤ 9 ppmv	<1	<1	<1
		tVOCs:	≤ 25 ppmv	<0.001	<0.001	<0.001
		TSP:	≤ 1.5 mg/m^3	<0.5	<0.5	<0.5
		NORM:	≤ 50 µR/hr	<15	<15	<15

The observed Ambient Air Sample Point results did not exceed the respective monitoring goals.

4. OFF-SITE AMBIENT AIR SAMPLING

Prior to deployment of sampling equipment, Modern confirmed site access requirements, planned sampling points, and prepared a project-specific Health and Safety Plan (HASP) for our staff.

4.1. SAMPLING POINTS

Below is a listing of sampling points included in this study:

- **AA-1** – Located approximately 1,000 feet northeast from the on-site wells.
- **AA-2** – Located approximately 800 feet south-southwest of the on-site wells.
- **AA-3** – Located approximately 1,000 feet northwest of the on-site wells.

Please see the attached Figure 3 for sample point locations.

4.2. SAMPLE METHODOLOGY

A total of three (3) discrete sampling points were evaluated over a 48-hour sampling period (April 23, 2013 to April 25, 2013). This included the use of two (2) 24-hour samplers at each location during the highest volume of work at the padsite. The target compounds selected for this event included VOCs. The field sampling approach conformed to applicable elements of ASTM D1357-95 (*Standard Practice for Planning the Sampling of the Ambient Atmosphere*), the protocol outlined in our proposal, and prior monitoring events completed by Modern.

Laboratory prepared and certified sampling containers were obtained from TestAmerica in Austin, Texas (Texas Certification Number T104704217-11-9) and placed within dedicated sampling shrouds following installation of the sample flow regulators and confirmation of canister vacuum. An inert sampling tube was then affixed to a static portion of the sampling equipment to allow collection of air from approximately five feet six inches (5.5’) above ground (breathing zone).

To maintain sample flow throughout the duration of this study, Modern specified 24-hour flow controllers. The flow rates were preset and calibrated by the laboratory at approximately 4 mL/min for a sampling period of 24 hours and a total sample volume of approximately six liters. Two events were completed for each point for a total of 48 hours of sampling.

The canisters and associated hardware were checked for mechanical integrity upon receipt and prior to use. The initial and final canister vacuum readings prior to and at the end of the sampling interval were recorded as specified by the TO-15 sampling specifications.

Following sample collection, the canisters were shipped to TestAmerica in Austin, Texas for analyses of VOCs by EPA method TO-15. Proper chain of custody documentation was maintained throughout the sampling process in accordance with Modern quality assurance protocols.

4.3. QUALITY CONTROL

The sample collection included an evaluation of the starting and ending canister pressures. Based on the observed differences, no indication of regulatory malfunction or sample interference was indicated. Additionally, no indication of tampering was noted during collection of the field samples.

4.4. REGULATORY COMPARISON VALUES

The TCEQ maintains Air Monitoring Comparison Values (AMCVs) for evaluation of monitoring samples such as the ones collected in this study. These include criteria for short-term (acute) and long-term (chronic) exposure as well as permissible odor thresholds. Monitoring for short durations such as this event is most applicable to the short-term AMCVs ($AMCV_{ST}$). Additional criteria maintained by the TCEQ for modeling and forecasting purposes also include the Effects Screening Levels (ESLs) which have short-term, long-term, and odor values. When an $AMCV_{ST}$ is not available, the ESL_{ST} has been utilized. The TCEQ Toxicology Division developed these regulatory thresholds in accordance with *Guidelines to Develop Effects Screening Levels, Reference Values, and Unit Risk Factors* (RG-442; November 2006). Please refer to the data summary table for the date of both the AMCV and ESL values.

Both AMCVs and ESLs are guideline thresholds set by the TCEQ and are not formal ambient air quality standards. These criteria are set to approximate significant margins of safety for the most sensitive members of the community, such as the elderly, children, and persons with pre-existing health conditions. AMCVs and ESLs are generally set well below levels at which adverse health effects would be anticipated. If the measured concentration of a constituent does not exceed the corresponding screening level, then adverse health or welfare effects are not expected. Conversely, consistent exceedances of the AMCV or the ESL values should warrant a more in depth review of the occurrence and potential emission source(s).

4.5. BACKGROUND DATA

PRIOR BASELINE

Ambient air baseline sampling was performed at the padsite in 2011 to provide background data for selected VOCs. This includes two 24-hour ambient samples provided in the summary data table as Baseline-1 and Baseline-2.

REGIONAL BACKGROUND

The CAMS C70 location is equipped with sensors to detect Nitric Oxide, Nitrogen Dioxide, and Ozone. The maximum concentrations observed during this monitoring period are included below for reference.

Table R4 Recorded Maximum Levels (CAMS)			
Date	**Nitric Oxide**	**Nitrogen Dioxide**	**Ozone**
4/22/2013	0.0037	0.0237	0.059
4/23/2013	0.009	0.0109	0.059
4/24/2013	0.0014	0.0066	0.051
4/25/2013	0.0041	0.0205	0.061
4/26/2013	0.0018	0.0031	0.042

All concentrations noted in ppmv

4.6. AMBIENT SAMPLE RESULTS

Maximum VOC concentrations reported within the ambient air samples from the previous baseline and off-site monitoring are included below. The predominant wind relationship (upwind, downwind) to the Site at the time of sampling has also been noted next to the result when ascertainable. A summary of all results and selected comparison criteria is provided in Table 1.

Table R5 Maximum VOC Observations – Ambient Air Samples					
COC	**Result**	*****	**COC**	**Result**	*****
Acetylene	0.544 RA, J	U	Isobutane	1.17	D
Benzene	0.21	B	Isohexane	0.155 J	U
Butane	1.9	U	Isopentane	0.903 J	D
Chloromethane	0.775 J	U	Methylene Chloride	0.133 J	U
Dichlorodifluromethane	0.593 J	D	n-Pentane	0.849 J	U
Ethane	10.5 RA	U	Propane	5.69	U
Ethene	0.564 RA, J	D	Toluene	0.53	B
Heptane	0.23	B	Trichlorofluoromethane	0.27	B
Hexane	0.46	B			

All concentrations presented as ppbv
J- Estimated value between detection limit and reporting limit
RA- From secondary analysis
B- Analyte was detected in the associated Method Blank
ND- Not detected
*U = Upwind; D = Downwind; B = Baseline Sample

None of the observed VOCs reported by the laboratory exceeded the $AMCV_{ST}$ or ESL_{ST} criteria. Additionally, the distribution of detected VOCs does not suggest significant contribution to downwind properties during the monitoring event. This is also consistent with the off-site monitoring performed with real-time equipment during this event.

5. OPEN-PATH MONITORING

As part of this effort, Modern performed Open-Path Monitoring (OPM) at the Site. The OPM system provides for the depiction of near real-time results and definitive spectral data that allows post-event processing to confirm the identification of individual compounds.

5.1. PRINCIPLE OF OPERATION

The OPM system uses Ultra-Violet Differential Optical Absorption Spectroscopy (UV-DOAS) to determine absorption of specific electromagnetic energy wave lengths by specific chemicals. The operating principal in UV-DOAS is based on a modification of the Beer-Lambert Law which relates the intensity of light transmitted to the intensity of light received after traveling a set distance. One key element of UV-DOAS is the separation of the absorption into broad spectral features and narrow spectral features. The OPM system included a monostatic light emitter that collimates the light from a UV source lamp, a reflector array, a transmitter, an attenuated light beam receiver, a spectrometer, and a control/processing computer. The target measurement range utilized for this project was light energy between approximately 180-320 nanometers in the UV spectrum.

In October of 1996, the USEPA published a reference method for OPM efforts. The *Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air Second Edition, Compendium Method TO-16; Long-Path Open-Path Fourier Transform Infrared Monitoring Of Atmospheric Gases* (EPA Method TO-16; EPA 625-R96) provides guidance used for this effort. The TO-16 Method outlines a method of determining the detection limits of spectroscopic equipment by taking 17 single beam spectra and creating a ratio of them sequentially to obtain 16 absorbance spectra. The spectrum of the target gas is then used with each of the 16 samples to create 16 unique absorbance spectra. The detection limits for each gas are obtained by taking the average of the 16 results.

5.2. TARGET COC DETECTION LIMITS

Target COC detection limits were derived by the following method:

- Creating an absorbance spectrum by averaging two back-to-back single beam spectra
- Perform a linear regression analysis using the absorbance spectra as the dependent variable and the quantitative reference spectra as the independent variable
- Record the 95% confidence interval of the resulting analysis
- Multiply the confidence interval by the concentration path-length of the reference spectra to obtain the detection limits (i.e., path-integrated concentration per meter)

Based on this methodology, the method/equipment detection limits (MDLs) for each of the target COCs (based on alignment distance) are provided in Table R6 below.

5.3. REGULATORY COMPARISON CRITERIA

Since all OPM efforts were completed on an active padsite Modern utilized commercial worker exposure criteria and National Ambient Air Quality Standards (NAAQS) for the data collected within the work areas. However; our monitoring included an effort to determine if residential criteria would be exceeded off the padsite. For this reason, residential criteria was included as part of our threshold screening criteria.

Commercial criteria included the use of Permissible Exposure Limits (PELs) and Recommended Exposure Limits (RELs) from the Occupational Safety and Health Administration (OSHA) and National Institute for Occupational Safety and Health (NIOSH). Residential criteria for areas outside the padsite utilized Texas Commission on Environmental Quality (TCEQ) Short-Term Air Monitoring Comparison Values AMCVs ($AMCV_{ST}$).

Please refer to Table R6 and the individual detection limits and corresponding AMCV. Please refer to Figures 4 through 6 for a chronological depiction of daily monitoring results and combined maximum daily results. Table 2 provides a summary of the over 2,100 individual samples results collected by the OPM during this event.

Table R6 - OPM Detection Limits & Regulatory Criteria

COC	PIC	MDL	REL/PEL[1]	NAAQS[2]	AMCV[3]
Ammonia	0.59	0.006	25		NA
Acrolein	6.00	0.060	0.1		NA
Acetaldehyde	3.00	0.030	200		0.05
1,3 Butadiene	0.20	0.002	1		0.23
Benzene	0.267	0.003	1		0.18
Carbon Disulfide	13.31	0.133	1		NA
Chlorine	0.59	0.006	1		NA
Ethylbenzene	0.30	0.003	100		20
Formaldehyde	3.20	0.032	0.75* (0.3)		0.041
Naphthalene	0.20	0.002	10		500
Hydrogen Sulfide	0.50	0.005	10*		NA
Nitric Oxide (NO)	0.292	0.003	25		NA
Nitrogen Dioxide (NO_2)	4.040	0.040	1	0.053/0.1[4]	NA
Ozone	2.00	0.020	0.1	0.075/0.12[4]	NA
o-xylene	3.77	0.038	100		1.7
Mercury	0.10	0.006	0.05		NA
m-xylene	0.35	0.004	100		1.7
p-xylene	0.237	0.002	100		1.7
Phenol	0.30	0.003	5		NA
Sulfur Dioxide (SO_2)	0.32	0.003	2	0.075/0.5[4]	NA
Styrene	0.60	0.006	50		5.1
Toluene	0.838	0.008	100		4

PIC – Path-integrated concentration (per meter)
MDL – Path-length Method Detection Limit (100 meters)
All concentrations presented in parts per million by volume (ppmv)

1- *Uses the lowest of the REL - Recommended Exposure Limit – (Commercial Time-Weighted Average; NIOSH) or PEL - Permissible Exposure Limit (Commercial Time-Weighted Average; OSHA); *Short-term peak exposure value*

2- *National Ambient Air Quality Standard*
3- *Air Monitoring Comparison Values (Short-term Health or Odor)*
4- *Short-term criteria*

5.4. OPM SYSTEM DEPLOYMENT AND ALIGNMENTS

The OPM system was set up in a manner to best maximize the amount of information concerning ambient site conditions, upwind conditions, downwind conditions and/or near-equipment conditions. The OPM system was deployed with the transmitter/receiver at one end of the alignment and the reflector at the alternate end.

A baseline was collected prior to hydraulic fracturing equipment at the Site to serve as a baseline for the monitoring effort.

OPM ALIGNMENT NO. 1 (HYDRAULIC FRACTURING)

- Location: Across wells during hydraulic fracturing and between diesel equipment utilized to obtain necessary hydraulic pressures.
- Total Length (meters): 100
- Monitoring Time: ~24 Hours (60 to 300 second intervals when signal not blocked or being realigned)
- Total Files: 2,137

Please refer to Figure 2 for site detail and OPM Alignment(s). Results of the monitoring events are provided in the attached data summary table.

5.5. QUALITY ASSURANCE AND POST PROCESSING

During deployment at each alignment, the system is calibrated to achieve the optimum integration rate and signal strength. Monitoring data was then collected several times per second and averaged over a period of 60 to 300 seconds. Use of a known standard is then introduced into the signal to ensure representative results are noted during field monitoring and during post processing. Linear regression criteria are utilized for individual COCs based on the nature of individual spectra to ensure confirmation of occurrence.

During post processing, the individual data summary results are evaluated against known background results and individual COC reference spectra. These results are then evaluated for achievement of an acceptable correlation coefficient (R^2), correlation of R^2 to resultant COC concentrations, and confirmation of individual spectral absorbance. The result of the processing is provided in the attached summary table (Table 2).

5.6. OPEN-PATH MONITORING RESULTS

This section provides a summary of our OPM results and, where available, selected regulatory threshold values for comparison.

OPM Alignment No. 1

COC concentrations observed include the following:

- Nitric Oxide (up to 1.26 ppmv);
- Naphthalene (up to 0.010 ppmv);
- Ozone (up to 0.026 ppmv); and
- Toluene (up to 0.163 ppmv).

Other COCs were not identified above method/equipment detection limits.

As noted in Table 2 (following report text), none of the identified COCs identified within this monitoring alignment exceed commercial or residential criteria. An example of individual spectra observed and reference spectra are included in Appendix B.

The observed COCs from this monitoring alignment appear consistent with active diesel engines. No evidence of emissions from the on-site wells was noted during this monitoring period.

6. FINDINGS AND RECOMMENDATIONS

Based on the data collected during this assessment, Modern has developed the following findings and recommendations.

- AVO observations did not indicate spills, leaks or releases near wells or associated equipment during this event.
- Monitoring was performed within the padsite, immediately outside the padsite, and at three (3) discrete off-site locations approximately 800 to 1,000 feet to the northwest, south, and east-northeast of the wells.
- Periodic observations of elevated total suspended particulate (TSP; near sand operations), carbon monoxide (CO; near diesel-powered equipment), and volatile organic compounds (VOCs; near diesel-powered equipment) were noted within or adjacent to the padsite during the monitoring. Slight TSP, CO and VOC impact was intermittently observed immediately outside the padsite when elevated internal observations were also made. No elevated levels of methane, radiation, or hydrogen sulfide were identified within or outside the padsite. No elevated levels of TSP, CO, VOCs, methane, radiation, or hydrogen sulfide were observed at the off-site ambient air monitoring locations.
- Ambient air samples were collected from each of the three off-site sampling points to aid in an evaluation of potential impact to off-site property. Samples were collected continuously between April 23, 2013 and April 25, 2013, which corresponds to the highest intensity period of on-site operations. Based on laboratory results for the ambient samples, low levels of VOCs consistent with regional background values were noted within both up and downwind samples from the Site. Additionally, the ambient samples are consistent with prior baseline sampling conducted at the padsite in 2011 prior to installation of the wells. None of the ambient air sampling results exceeded their respective TCEQ $AMCV_{ST}$ or ESL_{ST} values. Additionally, the distribution of detected VOCs does not suggest significant contribution to downwind properties during the monitoring event. This is also consistent with the off-site monitoring performed with real-time equipment during this event.
- Open-Path Monitoring (OPM) noted low levels of nitric oxide, toluene, and naphthalene during hydraulic fracturing. Additionally, low levels of ozone were noted throughout the monitoring event at levels consistent with the regional values noted at the nearest TCEQ Continuous Air Monitoring System (CAMS) facility in Grapevine, Texas.
- All emissions identified during this event appear to be related to either background levels (Ozone) or diesel exhaust. No releases, spills, or emissions were noted from the gas wells at the Site during this event.

- When flowback operations occur relative to this hydraulic fracturing event, it is recommended that monitoring consistent with the 2012 effort be employed to confirm on-site emissions do not allow exceedances of $AMCV_{ST}$ values. The likelihood of significant emissions during flowback will be lessened if use of improved capture of methane and associated VOC emissions are instituted. This may utilize vapor recovery units, a line separator to remove gases prior to the frac tank for collection in a pressurized vessel or introduction to a future transmission line (when available), and/or controlled combustion with a monitored and calibrated enclosed flare. The City should evaluate each option presented by the operator to determine which method will best meet the desired emission reductions and allow effective stimulation of the wells to occur.
- Future periodic inspection and monitoring is recommended to ensure operations continue to meet desired air quality levels both on and off the padsite. Use of a streamlined monitoring program can aid in minimizing the potential for both long-term emissions as well as early equipment failures before significant issues arise.

7. IMPORTANT ACRONYMS

AMCV	Air Monitoring Comparison Value (Short or Long Term Criteria)
AST	Aboveground storage tank
ASTM	ASTM International
BACT	Best Available Control Technology
CAA	Clean Air Act
COC	Chemicals/Compounds of Concern
EPA	United States Environmental Protection Agency
ESL	Effects Screening Level
FID	Flame Ionization Detector
FRP	Fiberglass Reinforced Plastic
HAP	Hazardous Air Pollutant
HASP	Health and Safety Plan
HQ	Hazard Quotient
IDLH	Immediately Dangerous to Life and Health
IHW	TCEQ Industrial & Hazardous Waste Program
LDAR	Leak Detection and Repair
LDCP	Leak Detection and Compliance Plan
MACT	Maximum Available Control Technology
Modern	Modern Geosciences, LLC
MSDS	Material Safety Data Sheet
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standards for Hazardous Air Pollutants
NORM	Naturally Occurring Radioactive Material
NSPS	New Source Performance Standard
OPM	Open Path Monitoring
OSHA	Occupational Safety and Health Administration
PCL	Protective Concentration Level
PEL	OSHA Permissible Exposure Limit

PID	Photoionization Detector
PPBV	Parts Per Billion by Volume
PPMV	Parts Per Million by Volume
RRC	Texas Railroad Commission
RSC	Reduced Sulfur Compounds
TCEQ	Texas Commission on Environmental Quality
tVOCs	Total Volatile Organic Compounds
ug/m^3	Micrograms per Cubic Meter
USACE	United States Army Corp of Engineers
USEPA	United States Environmental Protection Agency
URF	Unit Risk Factor
USC	United States Code
USGS	United States Geological Survey
UST	Underground Storage Tank
UV	Ultraviolet
VOC	Volatile Organic Compound

8. LIMITATIONS AND EXCEPTIONS

The monitoring or sampling results collected as part of these services represent conditions at the time of collection. Data collected at other times may reveal different results due to changes at the time of sample collection. Field monitoring activities are not intended to replace laboratory methodology, but can often allow for the real-time evaluation needed to address non-static sources. Modern's services were performed in a manner consistent a level of care and skill ordinarily exercised by other members of our profession practicing in the same locality, under similar conditions and at the time the services were performed. The scope of services performed was in accordance with the scope of work agreed with by our client, as set forth in our proposal and related authorization agreement(s).

Modern makes no warranty regarding these services and does not warrant the work of third parties supplying information used in the report (e.g. laboratories, equipment manufacturers, regulatory agencies or other consultants).

Modern offers a variety of environmental services to suit our client's needs. All investigative efforts rely on the sampling of discrete intervals or locations. Judgments leading to conclusions and recommendations are therefore prepared with an incomplete knowledge of dynamic conditions. Although risk can never be eliminated, more extensive investigative efforts can produce additional data that can be used to enhance the understanding of a particular site. Since more detailed efforts require greater expenses, our clients participate in the determination of acceptable risk for their purposes.

Laws, regulations and professional standards applicable to Modern's services are continually evolving. Techniques are, by necessity, often new and relatively untested. Different professionals may adopt different approaches to address similar problems. As such, our services are intended to provide our client with additional information to suit their individual needs.

The monitoring results collected as part of these services represent ambient or observable air conditions at the time of monitoring only. Samples or monitoring data collected at other times may identify different results that may representative of site conditions during other periods of time. The monitoring efforts performed as part of our services are not intended to replace laboratory methodology. Modern's use of OPM has been consistent with current regulatory guidance and manufacturer specification. For a higher level of certainty our monitoring methods can be supplemented by use of a state-accredited laboratory when additional certainty is desired.

MODERN GEOSCIENCES

TRUSTED ENVIRONMENTAL ADVISORS

TABLES

Table 1: Ambient Air Results - VOCs

						Sample Point:	AA-1			AA-1			AA-2			AA-2			AA-3		
						Sample Date:	4/23/2013			4/24/2013			4/23/2013			4/24/2013			4/23/2013		
						Sample Time:	1208:1208			1211:1211			1229:1229			1235:1235			1250:1250		
Compound	**CAS**	**AMCV**		**ESL**		**Max**	**MDL**	**Result**		**MDL**	**Result**		**MDL**	**Result**		**MDL**	**Result**		**MDL**	**Result**	
1,1,1-Trichloroethane	71-55-6	1700	H	510	H	**0**	0.163	**ND**	U	0.095	**ND**	U	0.0933	**ND**	U	0.0961	**ND**	U	0.101	**ND**	U
1,1,2,2-Tetrachloroethane	79-34-5	10	H	10	H	**0**	0.543	**ND**	U	0.317	**ND**	U	0.311	**ND**	U	0.321	**ND**	U	0.338	**ND**	U
1,1,2-Trichloroethane	79-00-5	100	H	100	H	**0**	0.169	**ND**	U	0.0989	**ND**	U	0.0971	**ND**	U	0.1	**ND**	U	0.106	**ND**	U
1,1-Dichloroethane	75-34-3	1000	H	1000	H	**0**	0.166	**ND**	U	0.097	**ND**	U	0.0952	**ND**	U	0.0981	**ND**	U	0.103	**ND**	U
1,1-Dichloroethene	75-35-4	180	H	54	H	**0**	0.101	**ND**	U	0.0588	**ND**	U	0.0577	**ND**	U	0.0595	**ND**	U	0.0627	**ND**	U
1,2,3-Trimethylbenzene	526-73-8	250	H	250	H	**0**	0.236	**ND**	U	0.138	**ND**	U	0.135	**ND**	U	0.139	**ND**	U	0.147	**ND**	U
1,2,4-Trimethylbenzene	95-63-6	140	O	140	O	**0**	0.31	**ND**	U	0.181	**ND**	U	0.177	**ND**	U	0.183	**ND**	U	0.193	**ND**	U
1,2-Dibromoethane (EDB)	106-93-4	0.5	H	0.5	H	**0**	0.168	**ND**	U	0.098	**ND**	U	0.0962	**ND**	U	0.0991	**ND**	U	0.105	**ND**	U
1,2-Dichloroethane	107-06-2	40	H	40	H	**0**	0.117	**ND**	U	0.0681	**ND**	U	0.0669	**ND**	U	0.0689	**ND**	U	0.0726	**ND**	U
1,2-Dichloropropane	78-87-5	100	H	100	H	**0**	0.133	**ND**	U	0.0779	**ND**	U	0.0765	**ND**	U	0.0788	**ND**	U	0.0831	**ND**	U
1,3,5-Trimethylbenzene	108-67-8	250	H	250	H	**0**	0.276	**ND**	U	0.161	**ND**	U	0.158	**ND**	U	0.163	**ND**	U	0.172	**ND**	U
1,3-Butadiene	106-99-0	230	O	230	O	**0**	0.159	**ND**	U	0.0931	**ND**	U	0.0914	**ND**	U	0.0941	**ND**	U	0.0993	**ND**	U
1,3-Diethylbenzene	141-93-5	70	O	70	O	**0**	0.41	**ND**	U	0.24	**ND**	U	0.235	**ND**	U	0.242	**ND**	U	0.256	**ND**	U
1,4-Diethylbenzene	105-05-5	0.39	O	70	O	**0**	0.419	**ND**	U	0.244	**ND**	U	0.24	**ND**	U	0.247	**ND**	U	0.261	**ND**	U
1-Butene/Isobutene	106-98-9	360	O	360	O	**0**	0.19	**ND**	U	0.111	**ND**	U	0.109	**ND**	U	0.112	**ND**	U	0.119	**ND**	U
1-Hexene	592-41-6	140	O	140	O	**0**	0.157	**ND**	U	0.0916	**ND**	U	0.0899	**ND**	U	0.0927	**ND**	U	0.0977	**ND**	U
1-Pentene	109-67-1	100	O	100	O	**0**	0.133	**ND**	U	0.0774	**ND**	U	0.076	**ND**	U	0.0783	**ND**	U	0.0826	**ND**	U
2,2,4-Trimethylpentane	540-84-1	750	H	750	H	**0**	0.165	**ND**	U	0.0965	**ND**	U	0.0947	**ND**	U	0.0976	**ND**	U	0.103	**ND**	U
2,2-Dimethylbutane	75-83-2	1000	H	1000	H	**0**	0.194	**ND**	U	0.113	**ND**	U	0.111	**ND**	U	0.114	**ND**	U	0.121	**ND**	U
2,3,4-Trimethylpentane	565-75-3	750	H	750	H	**0**	0.099	**ND**	U	0.0578	**ND**	U	0.0568	**ND**	U	0.0585	**ND**	U	0.0617	**ND**	U
2,3-Dimethylbutane	79-29-8	420	O	420	O	**0**	0.164	**ND**	U	0.096	**ND**	U	0.0943	**ND**	U	0.0971	**ND**	U	0.102	**ND**	U
2,3-Dimethylpentane	565-59-3	850	H	850	H	**0**	0.138	**ND**	U	0.0808	**ND**	U	0.0794	**ND**	U	0.0818	**ND**	U	0.0862	**ND**	U
2,4-Dimethylpentane	108-08-7	850	H	850	H	**0**	0.154	**ND**	U	0.0896	**ND**	U	0.088	**ND**	U	0.0907	**ND**	U	0.0956	**ND**	U
2-Ethyltoluene	611-14-3	74	O	74	H	**0**	0.266	**ND**	U	0.155	**ND**	U	0.152	**ND**	U	0.157	**ND**	U	0.166	**ND**	U
2-Methyl-1-pentene	763-29-1	64	O	290	H	**0**	0.217	**ND**	U	0.127	**ND**	U	0.125	**ND**	U	0.128	**ND**	U	0.135	**ND**	U
2-Methyl-2-butene	513-35-9	270	O	270	O	**0**	0.318	**ND**	U	0.186	**ND**	U	0.182	**ND**	U	0.188	**ND**	U	0.198	**ND**	U
2-Methylheptane	592-27-8	110	O	110	O	**0**	0.145	**ND**	U	0.0847	**ND**	U	0.0832	**ND**	U	0.0857	**ND**	U	0.0904	**ND**	U
3-Ethyltoluene	620-14-4	18	O	18	H	**0**	0.308	**ND**	U	0.18	**ND**	U	0.177	**ND**	U	0.182	**ND**	U	0.192	**ND**	U
3-Methyl-1-butene	563-45-1	8000	H	250	O	**0**	0.186	**ND**	U	0.109	**ND**	U	0.107	**ND**	U	0.11	**ND**	U	0.116	**ND**	U
3-Methylheptane	589-81-1	750	H	750	H	**0**	0.113	**ND**	U	0.0661	**ND**	U	0.0649	**ND**	U	0.0669	**ND**	U	0.0706	**ND**	U
3-Methylhexane	589-34-4	750	H	750	H	**0**	0.145	**ND**	U	0.0847	**ND**	U	0.0832	**ND**	U	0.0857	**ND**	U	0.0904	**ND**	U
3-Methylpentane	96-14-0	1000	H	1000	H	**0**	0.196	**ND**	U	0.115	**ND**	U	0.113	**ND**	U	0.116	**ND**	U	0.122	**ND**	U
4-Ethyltoluene	622-96-8	8.3	O	8.1	O	**0**	0.361	**ND**	U	0.211	**ND**	U	0.207	**ND**	U	0.213	**ND**	U	0.225	**ND**	U
4-Methyl-1-pentene	691-37-2	500	H	290	H	**0**	0.16	**ND**	U	0.0936	**ND**	U	0.0919	**ND**	U	0.0946	**ND**	U	0.0998	**ND**	U
Acetylene	74-86-2	25000	H	25000	H	**0.544**	0.239	**ND**	RA,U	0.139	**0.544**	RA,J	0.137	**0.361**	RA,J	0.141	**0.522**	RA,J	0.149	**0.361**	RA,J
Benzene	71-43-2	180	H	54	H	**0.21**	0.175	**ND**	U	0.102	**ND**	U	0.101	**ND**	U	0.104	**0.115**	J	0.109	**ND**	U
Bromomethane	74-83-9	30	H	30	H	**0**	0.266	**ND**	U	0.155	**ND**	U	0.152	**ND**	U	0.157	**ND**	U	0.166	**ND**	U
Butane	106-97-8	92000	H	28000	H	**1.9**	0.154	**1.79**		0.0896	**0.486**	J	0.088	**1.8**		0.0907	**0.525**	J	0.0956	**1.9**	
Carbon tetrachloride	56-23-5	20	H	20	H	**0**	0.456	**ND**	U	0.266	**ND**	U	0.262	**ND**	U	0.27	**ND**	U	0.284	**ND**	U
Chlorobenzene	108-90-7	100	H	100	H	**0**	0.122	**ND**	U	0.071	**ND**	U	0.0697	**ND**	U	0.0719	**ND**	U	0.0758	**ND**	U
Chloroform	67-66-3	20	H	20	H	**0**	0.138	**ND**	U	0.0808	**ND**	U	0.0794	**ND**	U	0.0818	**ND**	U	0.0862	**ND**	U
Chloromethane	74-87-3	500	H	500	H	**0.775**	0.121	**0.638**	J	0.0705	**0.624**	J	0.0693	**0.662**	J	0.0714	**0.775**	J	0.0753	**0.725**	J
cis-1,2-Dichloroethene	156-59-2	NE		NE		**0**	0.152	**ND**	U	0.0887	**ND**	U	0.0871	**ND**	U	0.0897	**ND**	U	0.0946	**ND**	U
cis-1,3-Dichloropropene	10061-01-5	10	H	10	H	**0**	0.177	**ND**	U	0.103	**ND**	U	0.101	**ND**	U	0.105	**ND**	U	0.11	**ND**	U
cis-2-Butene	590-18-1	2100	O	2100	O	**0**	0.147	**ND**	U	0.0857	**ND**	U	0.0842	**ND**	U	0.0867	**ND**	U	0.0915	**ND**	U
cis-2-Hexene	7688-21-3	500	H	140	O	**0**	0.166	**ND**	U	0.097	**ND**	U	0.0952	**ND**	U	0.0981	**ND**	U	0.103	**ND**	U
cis-2-Pentene	627-20-3	2600	H	2600	H	**0**	0.257	**ND**	U	0.15	**ND**	U	0.147	**ND**	U	0.152	**ND**	U	0.16	**ND**	U
Cyclohexane	110-82-7	1000	H	1000	H	**0**	0.208	**ND**	U	0.121	**ND**	U	0.119	**ND**	U	0.123	**ND**	U	0.13	**ND**	U
Cyclopentane	287-92-3	1200	H	1200	H	**0**	0.194	**ND**	U	0.113	**ND**	U	0.111	**ND**	U	0.114	**ND**	U	0.121	**ND**	U
Cyclopentene	142-29-0	2900	H	2900	H	**0**	0.214	**ND**	U	0.125	**ND**	U	0.123	**ND**	U	0.126	**ND**	U	0.133	**ND**	U
Dichlorodifluoromethane	75-71-8	10000	H	10000	H	**0.593**	0.196	**0.512**	J	0.115	**0.5**	J	0.113	**0.518**	J	0.116	**0.558**	J	0.122	**0.593**	J
Ethane	74-84-0	NE	A	NE	A	**10.5**	0.117	**10.5**	RA	0.0685	**4.32**	RA	0.0673	**9.71**	RA	0.0693	**4.55**	RA	0.0731	**9.68**	RA
Ethene	74-85-1	1200	V	1200	V	**0.564**	0.15	**0.392**	RA,J	0.0874	**0.526**	RA,J	0.0858	**0.326**	RA,J	0.0884	**0.546**	RA,J	0.0932	**0.344**	RA,J
Ethylbenzene	100-41-4	170	O	170	O	**0**	0.235	**ND**	U	0.137	**ND**	U	0.135	**ND**	U	0.139	**ND**	U	0.146	**ND**	U
Heptane	142-82-5	670	O	670	O	**0.23**	0.138	**ND**	U	0.0803	**ND**	U	0.0789	**ND**	U	0.0813	**ND**	U	0.0857	**ND**	U
Hexane	110-54-3	1500	O	1500	O	**0.46**	0.184	**ND**	U	0.107	**ND**	U	0.105	**0.139**	J	0.109	**ND**	U	0.114	**0.128**	J
Isobutane	75-28-5	33000	H	10000	H	**1.17**	0.213	**1.08**	J	0.124	**0.176**	J	0.122	**1.17**		0.126	**0.714**	J	0.133	**0.864**	J
Isoheptane	31394-54-4	420	O	420	O	**0**	0.114	**ND**	U	0.0666	**ND**	U	0.0654	**ND**	U	0.0674	**ND**	U	0.0711	**ND**	U
Isohexane	107-83-5	850	H	850	H	**0.155**	0.183	**ND**	U	0.107	**ND**	U	0.105	**0.149**	J	0.108	**ND**	U	0.114	**0.155**	J
Isopentane	78-78-4	1300	O	1300	O	**0.903**	0.0872	**0.85**	J	0.0509	**0.365**	J	0.05	**0.903**	J	0.0515	**0.616**	J	0.0544	**0.834**	J
Isoprene	78-79-5	20	H	20	H	**0**	0.194	**ND**	U	0.113	**ND**	U	0.111	**ND**	U	0.114	**ND**	U	0.121	**ND**	U
Isopropylbenzene	98-82-8	8.4	O	48	O	**0**	0.216	**ND**	U	0.126	**ND**	U	0.124	**ND**	U	0.128	**ND**	U	0.135	**ND**	U
Methylcyclohexane	108-87-2	150	O	150	O	**0**	0.201	**ND**	U	0.118	**ND**	U	0.115	**ND**	U	0.119	**ND**	U	0.125	**ND**	U
Methylcyclopentane	96-37-7	750	H	750	H	**0**	0.164	**ND**	U	0.096	**ND**	U	0.0943	**ND**	U	0.0971	**ND**	U	0.102	**ND**	U
Methylene chloride	75-09-2	3500	H	1100	H	**0.133**	0.154	**ND**	U	0.0896	**0.0965**	J	0.088	**0.102**	J	0.0907	**0.133**	J	0.0956	**ND**	U
m-Xylene & p-Xylene	179601-23-1	80	O	80	O	**0.15**	0.515	**ND**	U	0.301	**ND**	U	0.295	**ND**	U	0.304	**ND**	U	0.321	**ND**	U
n-Decane	124-18-5	620	O	620	O	**0**	0.287	**ND**	U	0.168	**ND**	U	0.164	**ND**	U	0.169	**ND**	U	0.179	**ND**	U
n-Nonane	111-84-2	2000	H	1500	O	**0**	0.239	**ND**	U	0.14	**ND**	U	0.137	**ND**	U	0.141	**ND**	U	0.149	**ND**	U
n-Octane	111-65-9	750	H	750	H	**0**	0.172	**ND**	U	0.1	**ND**	U	0.0986	**ND**	U	0.102	**ND**	U	0.107	**ND**	U
n-Pentane	109-66-0	1400	O	1400	O	**0.849**	0.112	**0.817**	J	0.0656	**0.305**	J	0.0644	**0.801**	J	0.0664	**0.301**	J	0.07	**0.849**	J
n-Propylbenzene	103-65-1	3.8	O	250	H	**0**	0.338	**ND**	U	0.197	**ND**	U	0.194	**ND**	U	0.2	**ND**	U	0.211	**ND**	U
n-Undecane	1120-21-4	550	H	550	H	**0**	0.211	**ND**	U	0.123	**ND**	U	0.121	**ND**	U	0.124	**ND**	U	0.131	**ND**	U
o-Xylene	95-47-6	380	O	380	O	**0**	0.258	**ND**	U	0.151	**ND**	U	0.148	**ND**	U	0.153	**ND**	U	0.161	**ND**	U
Propane	74-98-6	1500000	O	NE	A	**5.69**	1.64	**5.39**		0.96	**1.77**		0.943	**5.32**		0.971	**1.95**		1.02	**5.69**	
Propylene	115-07-1	13000	O	NE	A	**0**	0.231	**ND**	U	0.135	**ND**	U	0.132	**ND**	U	0.136	**ND**	U	0.144	**ND**	U
Styrene	100-42-5	25	O	25	O	**0**	0.449	**ND**	U	0.262	**ND**	U	0.257	**ND**	U	0.265	**ND**	U	0.28	**ND**	U
Tetrachloroethene	127-18-4	770	O	300	H	**0**	0.14	**ND**	U	0.0818	**ND**	U	0.0803	**ND**	U	0.0828	**ND**	U	0.0873	**ND**	U
Toluene	108-88-3	170	O	920	O	**0.53**	0.129	**0.249**	J, B	0.0754	**0.233**	B, J	0.0741	**0.216**	B, J	0.0763	**0.256**	J, B	0.0805	**0.192**	J, B
trans-1,3-Dichloropropene	10061-02-6	10	H	10	H	**0**	0.253	**ND**	U	0.147	**ND**	U	0.145	**ND**	U	0.149	**ND**	U	0.157	**ND**	U
trans-2-Butene	624-64-6	2100	O	2100	O	**0**	0.174	**ND**	U	0.102	**ND**	U	0.1	**ND**	U	0.103	**ND**	U	0.109	**ND**	U
trans-2-Hexene	4050-45-7	500	H	140	O	**0**	0.152	**ND**	U	0.0887	**ND**	U	0.0871	**ND**	U	0.0897	**ND**	U	0.0946	**ND**	U
trans-2-Pentene	646-04-8	2600	H	2600	H	**0**	0.207	**ND**	U	0.121	**ND**	U	0.119	**ND**	U	0.122	**ND**	U	0.129	**ND**	U
Trichloroethene	79-01-6	100	H	100	H	**0**	0.113	**ND**	U	0.0661	**ND**	U	0.0649	**ND**	U	0.0669	**ND**	U	0.0706	**ND**	U
Trichlorofluoromethane	75-69-4	5000	O	5000	H	**0.27**	0.119	**0.236**	J	0.0696	**0.241**	J	0.0683	**0.242**	J	0.0704	**0.264**	J	0.0742	**0.262**	J
Vinyl chloride	75-01-4	26000	H	7800	H	**0**	0.243	**ND**	U	0.142	**ND**	U	0.139	**ND**	U	0.144	**ND**	U	0.152	**ND**	U

Remarks:

All concentrations in ppbv
ESL = Effects Screening Level (short term); TCEQ 2013
AMCV = Air Monitoring Comparison Value (short term); TCEQ 2013
J = Estimated value below Reporting Limit; U/ND = Not Detected; NE=Not Evaluated
RA (R) = From Secondary Analysis; C/L/R Flags = LCS or Calibration Bias
B = Analyte was detected in the associated Method Blank
H = human health; O = Odor; V=Vegetation; A=Asphyixiant; MDL = Method Detection Limit
Please see laboratory data sheets for additional detail

Table 1: Ambient Air Results - VOCs

						Sample Point:	AA-3			Baseline - 1			Baseline - 2		
						Sample Date:	4/24/2013			1/26/2011			1/26/2011		
						Sample Time:	1301:1301			1020:1020			1045:1045		
Compound	**CAS**	**AMCV**		**ESL**		**Max**	**MDL**	**Result**		**MDL**	**Result**		**MDL**	**Result**	
1,1,1-Trichloroethane	71-55-6	1700	H	510	H	**0**	0.0976	**ND**	U	0.024	**ND**		0.024	**ND**	
1,1,2,2-Tetrachloroethane	79-34-5	10	H	10	H	**0**	0.326	**ND**	U	0.025	**ND**		0.025	**ND**	
1,1,2-Trichloroethane	79-00-5	100	H	100	H	**0**	0.102	**ND**	U	0.024	**ND**		0.024	**ND**	
1,1-Dichloroethane	75-34-3	1000	H	1000	H	**0**	0.0997	**ND**	U	0.025	**ND**		0.025	**ND**	
1,1-Dichloroethene	75-35-4	180	H	54	H	**0**	0.0604	**ND**	U	0.024	**ND**		0.024	**ND**	
1,2,3-Trimethylbenzene	526-73-8	250	H	250	H	**0**	0.141	**ND**	U		**NE**		NE		
1,2,4-Trimethylbenzene	95-63-6	140	O	140	O	**0**	0.186	**ND**	U	0.027	**ND**		0.027	**ND**	
1,2-Dibromoethane (EDB)	106-93-4	0.5	H	0.5	H	**0**	0.101	**ND**	U	0.03	**ND**		0.03	**ND**	
1,2-Dichloroethane	107-06-2	40	H	40	H	**0**	0.07	**ND**	U	0.024	**ND**		0.024	**ND**	
1,2-Dichloropropane	78-87-5	100	H	100	H	**0**	0.08	**ND**	U	0.054	**ND**		0.054	**ND**	
1,3,5-Trimethylbenzene	108-67-8	250	H	250	H	**0**	0.166	**ND**	U	0.027	**ND**		0.027	**ND**	
1,3-Butadiene	106-99-0	230	O	230	O	**0**	0.0956	**ND**	U	0.028	**ND**		0.028	**ND**	
1,3-Diethylbenzene	141-93-5	70	O	70	O	**0**	0.246	**ND**	U		**NE**		NE		
1,4-Diethylbenzene	105-05-5	0.39	O	70	O	**0**	0.251	**ND**	U		**NE**		NE		
1-Butene/Isobutene	106-98-9	360	O	360	O	**0**	0.114	**ND**	U		**NE**		NE		
1-Hexene	592-41-6	140	O	140	O	**0**	0.0941	**ND**	U		**NE**		NE		
1-Pentene	109-67-1	100	O	100	O	**0**	0.0795	**ND**	U		**NE**		NE		
2,2,4-Trimethylpentane	540-84-1	750	H	750	H	**0**	0.0992	**ND**	U	0.021	**ND**		0.021	**ND**	
2,2-Dimethylbutane	75-83-2	1000	H	1000	H	**0**	0.116	**ND**	U		**NE**		NE		
2,3,4-Trimethylpentane	565-75-3	750	H	750	H	**0**	0.0594	**ND**	U		**NE**		NE		
2,3-Dimethylbutane	79-29-8	420	O	420	O	**0**	0.0987	**ND**	U		**NE**		NE		
2,3-Dimethylpentane	565-59-3	850	H	850	H	**0**	0.083	**ND**	U		**NE**		NE		
2,4-Dimethylpentane	108-08-7	850	H	850	H	**0**	0.0921	**ND**	U		**NE**		NE		
2-Ethyltoluene	611-14-3	74	O	74	H	**0**	0.16	**ND**	U		**NE**		NE		
2-Methyl-1-pentene	763-29-1	64	O	290	H	**0**	0.13	**ND**	U		**NE**		NE		
2-Methyl-2-butene	513-35-9	270	O	270	O	**0**	0.191	**ND**	U		**NE**		NE		
2-Methylheptane	592-27-8	110	O	110	O	**0**	0.0871	**ND**	U		**NE**		NE		
3-Ethyltoluene	620-14-4	18	O	18	H	**0**	0.185	**ND**	U		**NE**		NE		
3-Methyl-1-butene	563-45-1	8000	H	250	O	**0**	0.112	**ND**	U		**NE**		NE		
3-Methylheptane	589-81-1	750	H	750	H	**0**	0.0679	**ND**	U		**NE**		NE		
3-Methylhexane	589-34-4	750	H	750	H	**0**	0.0871	**ND**	U		**NE**		NE		
3-Methylpentane	96-14-0	1000	H	1000	H	**0**	0.118	**ND**	U		**NE**		NE		
4-Ethyltoluene	622-96-8	8.3	O	8.1	O	**0**	0.216	**ND**	U	0.024	**ND**		0.024	**ND**	
4-Methyl-1-pentene	691-37-2	500	H	290	H	**0**	0.0961	**ND**	U		**NE**		NE		
Acetylene	74-86-2	25000	H	25000	H	**0.544**	0.143	**0.457**	RA,J		**NE**		NE		
Benzene	71-43-2	180	H	54	H	**0.21**	0.105	**0.109**	J	0.049	**0.21**		0.049	**0.18**	J
Bromomethane	74-83-9	30	H	30	H	**0**	0.16	**ND**	U	0.026	**ND**		0.026	**ND**	
Butane	106-97-8	92000	H	28000	H	**1.9**	0.0921	**0.484**	J		**NE**		NE		
Carbon tetrachloride	56-23-5	20	H	20	H	**0**	0.274	**ND**	U	0.023	**ND**		0.023	**ND**	
Chlorobenzene	108-90-7	100	H	100	H	**0**	0.073	**ND**	U	0.031	**ND**		0.031	**ND**	
Chloroform	67-66-3	20	H	20	H	**0**	0.083	**ND**	U	0.026	**ND**		0.026	**ND**	
Chloromethane	74-87-3	500	H	500	H	**0.775**	0.0725	**0.647**	J	0.053	**0.56**		0.053	**0.47**	
cis-1,2-Dichloroethene	156-59-2	NE		NE		**0**	0.0911	**ND**	U	0.031	**ND**		0.031	**ND**	
cis-1,3-Dichloropropene	10061-01-5	10	H	10	H	**0**	0.106	**ND**	U	0.022	**ND**		0.022	**ND**	
cis-2-Butene	590-18-1	2100	O	2100	O	**0**	0.0881	**ND**	U		**NE**		NE		
cis-2-Hexene	7688-21-3	500	H	140	O	**0**	0.0997	**ND**	U		**NE**		NE		
cis-2-Pentene	627-20-3	2600	H	2600	H	**0**	0.154	**ND**	U		**NE**		NE		
Cyclohexane	110-82-7	1000	H	1000	H	**0**	0.125	**ND**	U		**NE**		NE		
Cyclopentane	287-92-3	1200	H	1200	H	**0**	0.116	**ND**	U		**NE**		NE		
Cyclopentene	142-29-0	2900	H	2900	H	**0**	0.128	**ND**	U		**NE**		NE		
Dichlorodifluoromethane	75-71-8	10000	H	10000	H	**0.593**	0.118	**0.511**	J	0.073	**ND**		0.073	**ND**	
Ethane	74-84-0	NE	A	NE	A	**10.5**	0.0704	**4.14**	RA		**NE**		NE		
Ethene	74-85-1	1200	V	1200	V	**0.564**	0.0898	**0.564**	RA,J		**NE**		NE		
Ethylbenzene	100-41-4	170	O	170	O	**0**	0.141	**ND**	U	0.027	**ND**		0.027	**ND**	
Heptane	142-82-5	670	O	670	O	**0.23**	0.0825	**ND**	U	0.024	**0.23**		0.024	**0.22**	
Hexane	110-54-3	1500	O	1500	O	**0.46**	0.11	**ND**	U	0.022	**0.45**		0.022	**0.46**	
Isobutane	75-28-5	33000	H	10000	H	**1.17**	0.128	**0.171**	J		**NE**		NE		
Isoheptane	31394-54-4	420	O	420	O	**0**	0.0685	**ND**	U		**NE**		NE		
Isohexane	107-83-5	850	H	850	H	**0.155**	0.11	**ND**	U		**NE**		NE		
Isopentane	78-78-4	1300	O	1300	O	**0.903**	0.0523	**0.377**	J		**NE**		NE		
Isoprene	78-79-5	20	H	20	H	**0**	0.116	**ND**	U		**NE**		NE		
Isopropylbenzene	98-82-8	8.4	O	48	O	**0**	0.13	**ND**	U		**NE**		NE		
Methylcyclohexane	108-87-2	150	O	150	O	**0**	0.121	**ND**	U		**NE**		NE		
Methylcyclopentane	96-37-7	750	H	750	H	**0**	0.0987	**ND**	U		**NE**		NE		
Methylene chloride	75-09-2	3500	H	1100	H	**0.133**	0.0921	**0.0951**	J	0.027	**ND**		0.027	**ND**	
m-Xylene & p-Xylene	179601-23-1	80	O	80	O	**0.15**	0.309	**ND**	U	0.059	**ND**		0.059	**0.15**	J
n-Decane	124-18-5	620	O	620	O	**0**	0.172	**ND**	U		**NE**		NE		
n-Nonane	111-84-2	2000	H	1500	O	**0**	0.143	**ND**	U		**NE**		NE		
n-Octane	111-65-9	750	H	750	H	**0**	0.103	**ND**	U		**NE**		NE		
n-Pentane	109-66-0	1400	O	1400	O	**0.849**	0.0674	**0.329**	J		**NE**		NE		
n-Propylbenzene	103-65-1	3.8	O	250	H	**0**	0.203	**ND**	U		**NE**		NE		
n-Undecane	1120-21-4	550	H	550	H	**0**	0.126	**ND**	U		**NE**		NE		
o-Xylene	95-47-6	380	O	380	O	**0**	0.155	**ND**	U	0.026	**ND**		0.026	**ND**	
Propane	74-98-6	1500000	O	NE	A	**5.69**	0.987	**1.75**			**NE**		NE		
Propylene	115-07-1	13000	O	NE	A	**0**	0.138	**ND**	U	0.096	**ND**		0.096	**ND**	
Styrene	100-42-5	25	O	25	O	**0**	0.269	**ND**	U	0.027	**ND**		0.027	**ND**	
Tetrachloroethene	127-18-4	770	O	300	H	**0**	0.0841	**ND**	U	0.04	**ND**		0.04	**ND**	
Toluene	108-88-3	170	O	920	O	**0.53**	0.0775	**0.194**	B, J	0.025	**0.53**		0.025	**0.49**	
trans-1,3-Dichloropropene	10061-02-6	10	H	10	H	**0**	0.151	**ND**	U	0.079	**ND**		0.079	**ND**	
trans-2-Butene	624-64-6	2100	O	2100	O	**0**	0.105	**ND**	U		**NE**		NE		
trans-2-Hexene	4050-45-7	500	H	140	O	**0**	0.0911	**ND**	U		**NE**		NE		
trans-2-Pentene	646-04-8	2600	H	2600	H	**0**	0.124	**ND**	U		**NE**		NE		
Trichloroethene	79-01-6	100	H	100	H	**0**	0.0679	**ND**	U	0.024	**ND**		0.024	**ND**	
Trichlorofluoromethane	75-69-4	5000	O	5000	H	**0.27**	0.0715	**0.236**	J	0.032	**0.27**		0.032	**0.26**	
Vinyl chloride	75-01-4	26000	H	7800	H	**0**	0.146	**ND**	U	0.029	**ND**		0.029	**ND**	

Remarks:

All concentrations in ppbv
ESL = Effects Screening Level (short term); TCEQ 2013
AMCV = Air Monitoring Comparison Value (short term); TCEQ 2013
J = Estimated value below Reporting Limit; U/ND = Not Detected; NE=Not Evaluated
RA (R) = From Secondary Analysis; C/L/R Flags = LCS or Calibration Bias
B = Analyte was detected in the associated Method Blank
H = human health; O = Odor; V=Vegetation; A=Asphyixiant; MDL = Method Detection Limit
Please see laboratory data sheets for additional detail

Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2
							Maximum:	0	0.6	0	0.97
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9
4/22/2013 7:56	Titan1	1	100	145	414	8487.076	Titan1-164	BDL	0.2	BDL	0.71
4/22/2013 7:57	Titan1	2	100	145	414	10060.85	Titan1-164	BDL	0.19	BDL	0.75
4/22/2013 7:58	Titan1	3	100	145	414	9969.009	Titan1-164	BDL	0.18	BDL	0.75
4/22/2013 7:59	Titan1	4	100	145	2069	9257.19	Titan1-164	BDL	0.2	BDL	0.79
4/22/2013 8:04	Titan1	5	100	145	2068	9461.657	Titan1-164	BDL	0.2	BDL	0.76
4/22/2013 8:09	Titan1	6	100	145	2061	9485.288	Titan1-164	BDL	0.21	BDL	0.79
4/22/2013 8:14	Titan1	7	100	145	2068	10537.08	Titan1-164	BDL	0.22	BDL	0.78
4/22/2013 8:19	Titan1	8	100	145	2069	11203.98	Titan1-164	BDL	0.22	BDL	0.79
4/22/2013 8:24	Titan1	9	100	145	2065	11160.84	Titan1-164	BDL	0.22	BDL	0.79
4/22/2013 8:29	Titan1	10	100	145	2070	3986.011	Titan1-164	BDL	0.23	BDL	0.8
4/22/2013 8:34	Titan1	11	100	145	2069	10347.82	Titan1-164	BDL	0.24	BDL	0.79
4/22/2013 8:39	Titan1	12	100	145	2068	7555.739	Titan1-164	BDL	0.23	BDL	0.79
4/22/2013 8:44	Titan1	13	100	145	2070	12094.79	Titan1-164	BDL	0.25	BDL	0.78
4/22/2013 8:49	Titan1	14	100	145	2066	12480.94	Titan1-164	BDL	0.25	BDL	0.8
4/22/2013 8:54	Titan1	15	100	145	2050	12281.01	Titan1-164	BDL	0.25	BDL	0.8
4/22/2013 8:59	Titan1	16	100	145	2068	12006.6	Titan1-164	BDL	0.24	BDL	0.8
4/22/2013 9:04	Titan1	17	100	145	2069	12328.37	Titan1-164	BDL	0.24	BDL	0.81
4/22/2013 9:09	Titan1	18	100	145	2068	12577.1	Titan1-164	BDL	0.24	BDL	0.82
4/22/2013 9:15	Titan1	19	100	145	2068	12495.25	Titan1-164	BDL	0.24	BDL	0.82
4/22/2013 9:20	Titan1	20	100	145	2065	12629.17	Titan1-164	BDL	0.24	BDL	0.82
4/22/2013 9:25	Titan1	21	100	145	2069	13123.87	Titan1-164	BDL	0.24	BDL	0.82
4/22/2013 9:30	Titan1	22	100	145	2069	12924.75	Titan1-164	BDL	0.24	BDL	0.82
4/22/2013 9:35	Titan1	23	100	145	2067	12401.02	Titan1-164	BDL	0.24	BDL	0.82
4/22/2013 9:40	Titan1	24	100	145	2067	12574.96	Titan1-164	BDL	0.24	BDL	0.82
4/22/2013 9:45	Titan1	25	100	145	2066	12250.33	Titan1-164	BDL	0.23	BDL	0.82
4/22/2013 9:50	Titan1	26	100	145	2064	12579.98	Titan1-164	BDL	0.23	BDL	0.83
4/22/2013 9:55	Titan1	27	100	145	2068	13344.53	Titan1-164	BDL	0.24	BDL	0.83
4/22/2013 10:00	Titan1	28	100	145	2069	12545.81	Titan1-164	BDL	0.24	BDL	0.74
4/22/2013 10:05	Titan1	29	100	145	2069	12334.47	Titan1-164	BDL	0.22	BDL	0.8
4/22/2013 10:10	Titan1	30	100	145	2069	11957.59	Titan1-164	BDL	0.22	BDL	0.82
4/22/2013 10:15	Titan1	31	100	145	2065	12406.29	Titan1-164	BDL	0.23	BDL	0.84
4/22/2013 10:20	Titan1	32	100	145	2067	12049.97	Titan1-164	BDL	0.23	BDL	0.8
4/22/2013 10:25	Titan1	33	100	145	2066	12285.4	Titan1-164	BDL	0.22	BDL	0.82
4/22/2013 10:30	Titan1	34	100	145	2067	12596.02	Titan1-164	BDL	0.23	BDL	0.83
4/22/2013 10:35	Titan1	35	100	145	2067	13025.19	Titan1-164	BDL	0.23	BDL	0.83
4/22/2013 10:40	Titan1	36	100	145	2068	12837.27	Titan1-164	BDL	0.23	BDL	0.82
4/22/2013 10:45	Titan1	37	100	145	2067	12344.44	Titan1-164	BDL	0.23	BDL	0.81
4/22/2013 10:50	Titan1	38	100	145	2069	13922.02	Titan1-164	BDL	0.22	BDL	0.84
4/22/2013 10:55	Titan1	39	100	145	2064	13786.73	Titan1-164	BDL	0.22	BDL	0.84
4/22/2013 11:00	Titan1	40	100	145	2069	14346.13	Titan1-164	BDL	0.21	BDL	0.84
4/22/2013 11:05	Titan1	41	100	145	2068	14269.92	Titan1-164	BDL	0.2	BDL	0.83
4/22/2013 11:10	Titan1	42	100	145	2063	14743.7	Titan1-164	BDL	0.2	BDL	0.85
4/22/2013 11:15	Titan1	43	100	145	2070	15006.57	Titan1-164	BDL	0.2	BDL	0.85
4/22/2013 11:20	Titan1	44	100	145	2063	15550.4	Titan1-164	BDL	0.19	BDL	0.84
4/22/2013 11:25	Titan1	45	100	145	2063	15479.67	Titan1-164	BDL	0.19	BDL	0.82
4/22/2013 11:30	Titan1	46	100	145	2066	15023.73	Titan1-164	BDL	0.19	BDL	0.85
4/22/2013 11:35	Titan1	47	100	145	2064	14382.42	Titan1-164	BDL	0.19	BDL	0.83
4/22/2013 11:40	Titan1	48	100	145	2064	15293.38	Titan1-164	BDL	0.19	BDL	0.86
4/22/2013 11:45	Titan1	49	100	145	2066	15538.19	Titan1-164	BDL	0.19	BDL	0.86
4/22/2013 11:50	Titan1	50	100	145	2066	14672.2	Titan1-164	BDL	0.18	BDL	0.83
4/22/2013 11:55	Titan1	51	100	145	2061	14932.48	Titan1-164	BDL	0.18	BDL	0.84
4/22/2013 12:00	Titan1	52	100	145	2032	15448.84	Titan1-164	BDL	0.18	BDL	0.85
4/22/2013 12:05	Titan1	53	100	145	2046	14967.64	Titan1-164	BDL	0.17	BDL	0.83
4/22/2013 12:10	Titan1	54	100	145	2028	15448.27	Titan1-164	BDL	0.18	BDL	0.85
4/22/2013 12:15	Titan1	55	100	145	2032	14994.25	Titan1-164	BDL	0.18	BDL	0.85
4/22/2013 12:20	Titan1	56	100	145	2036	15203.72	Titan1-164	BDL	0.17	BDL	0.84
4/22/2013 12:25	Titan1	57	100	145	2034	15040.11	Titan1-164	BDL	0.15	BDL	0.83
4/22/2013 12:31	Titan1	58	100	145	2036	15022.23	Titan1-164	BDL	0.17	BDL	0.86
4/22/2013 12:36	Titan1	59	100	145	2034	14135.9	Titan1-164	BDL	0.17	BDL	0.86
4/22/2013 12:41	Titan1	60	100	145	2036	14761.42	Titan1-164	BDL	0.15	BDL	0.83
4/22/2013 12:46	Titan1	61	100	145	2038	10886.22	Titan1-164	BDL	0.17	BDL	0.86
4/22/2013 12:51	Titan1	62	100	145	2035	10864.26	Titan1-164	BDL	0.17	BDL	0.86
4/22/2013 12:56	Titan1	63	100	145	2037	14241.21	Titan1-164	BDL	0.16	BDL	0.85
4/22/2013 13:01	Titan1	64	100	145	2036	13743.91	Titan1-164	BDL	0.16	BDL	0.84
4/22/2013 13:06	Titan1	65	100	145	2039	12924.63	Titan1-164	BDL	0.15	BDL	0.83
4/22/2013 13:11	Titan1	66	100	145	2041	13672.1	Titan1-164	BDL	0.19	BDL	0.8
4/22/2013 13:16	Titan1	67	100	145	2036	14069.13	Titan1-164	BDL	0.16	BDL	0.85
4/22/2013 13:21	Titan1	68	100	145	2035	13817.09	Titan1-164	BDL	0.16	BDL	0.84
4/22/2013 13:26	Titan1	69	100	145	2034	14412.56	Titan1-164	BDL	0.16	BDL	0.85
4/22/2013 13:31	Titan1	70	100	145	2032	11841.41	Titan1-164	BDL	0.16	BDL	0.86
4/22/2013 13:36	Titan1	71	100	145	2041	13823.23	Titan1-164	BDL	0.17	BDL	0.85
4/22/2013 13:41	Titan1	72	100	145	2035	14193.84	Titan1-164	BDL	0.18	BDL	0.85
4/22/2013 13:46	Titan1	73	100	145	2036	13882.95	Titan1-164	BDL	0.16	BDL	0.82
4/22/2013 15:45	Titan1	74	100	85	3414	13614.84	Titan1-164	BDL	0.16	BDL	0.08
4/22/2013 15:50	Titan1	75	100	85	3422	14164.15	Titan1-164	BDL	0.23	BDL	0.51
4/22/2013 15:55	Titan1	76	100	85	3426	5767.952	Titan1-164	BDL	0.23	BDL	0.55
4/22/2013 17:00	Titan1	89	100	85	3353	7494.952	Titan1-164	BDL	0.3	BDL	0.34
4/22/2013 17:05	Titan1	90	100	85	3419	10670.5	Titan1-164	BDL	0.31	BDL	0.12
4/22/2013 17:10	Titan1	91	100	85	3427	8349.383	Titan1-164	BDL	0.3	BDL	0.29
4/22/2013 17:15	Titan1	92	100	85	3419	12055.81	Titan1-164	BDL	0.3	BDL	0.29
4/22/2013 17:20	Titan1	93	100	85	3421	11227.67	Titan1-164	BDL	0.29	BDL	0.36
4/22/2013 17:25	Titan1	94	100	85	3423	10775.54	Titan1-164	BDL	0.29	BDL	0.33
4/22/2013 17:30	Titan1	95	100	85	3392	11349.49	Titan1-164	BDL	0.31	BDL	0.44
4/22/2013 17:35	Titan1	96	100	85	3384	11394.59	Titan1-164	BDL	0.31	BDL	0.29
4/22/2013 17:40	Titan1	97	100	85	3382	12062.09	Titan1-164	BDL	0.32	BDL	0.24
4/22/2013 17:45	Titan1	98	100	85	3382	11764.95	Titan1-164	BDL	0.32	BDL	0.27
4/22/2013 17:50	Titan1	99	100	85	3380	12144.88	Titan1-164	BDL	0.35	BDL	0.35
4/22/2013 17:55	Titan1	100	100	85	3396	9436.97	Titan1-164	BDL	0.33	BDL	0.42
4/22/2013 18:00	Titan1	101	100	85	3390	11232.93	Titan1-164	BDL	0.36	BDL	0.47
4/22/2013 18:05	Titan1	102	100	85	3380	10091.79	Titan1-164	BDL	0.36	BDL	0.46
4/22/2013 18:11	Titan1	103	100	85	3381	10915.63	Titan1-164	BDL	0.35	BDL	0.31
4/22/2013 18:16	Titan1	104	100	85	3379	11302.49	Titan1-164	BDL	0.36	BDL	0.28
4/22/2013 18:21	Titan1	105	100	85	3377	10418.49	Titan1-164	BDL	0.32	BDL	0.21
4/22/2013 18:26	Titan1	106	100	85	3382	11055.29	Titan1-164	BDL	0.3	BDL	0.29
4/22/2013 18:31	Titan1	107	100	85	3382	11074.63	Titan1-164	BDL	0.27	BDL	0.29
4/22/2013 18:36	Titan1	108	100	85	3386	10835.09	Titan1-164	BDL	0.29	BDL	0.24
4/22/2013 18:41	Titan1	109	100	85	3376	10637.81	Titan1-164	BDL	0.33	BDL	0.12
4/22/2013 18:46	Titan1	110	100	85	3383	10629.17	Titan1-164	BDL	0.31	BDL	0.1
4/22/2013 18:51	Titan1	111	100	85	3396	10526.88	Titan1-164	BDL	0.3	BDL	0.1
4/22/2013 18:56	Titan1	112	100	85	3436	10349.66	Titan1-164	BDL	0.33	BDL	0.02
4/22/2013 19:01	Titan1	113	100	85	3431	10257.44	Titan1-164	BDL	0.33	BDL	0.06
4/22/2013 19:06	Titan1	114	100	85	3423	10060.26	Titan1-164	BDL	0.27	BDL	0.13
4/22/2013 19:15	Titan1	115	100	96	3026	11870.55	Titan1-164	BDL	0.09	BDL	0.05
4/22/2013 19:20	Titan1	116	100	96	3017	11681.29	Titan1-164	BDL	0.1	BDL	0.04
4/22/2013 19:25	Titan1	117	100	96	3023	11527.17	Titan1-164	BDL	0.12	BDL	0.05
4/22/2013 19:30	Titan1	118	100	96	3024	11427.61	Titan1-164	BDL	0.09	BDL	0.12
4/22/2013 19:35	Titan1	119	100	96	3014	11310.17	Titan1-164	BDL	0.08	BDL	0.22
4/22/2013 19:40	Titan1	120	100	96	3021	11103.12	Titan1-164	BDL	0.06	BDL	0.27
4/22/2013 19:45	Titan1	121	100	96	3016	10936.24	Titan1-164	BDL	0.06	BDL	0.35
4/22/2013 19:50	Titan1	122	100	96	3022	10693.03	Titan1-164	BDL	0.13	BDL	0.33
4/22/2013 19:55	Titan1	123	100	96	3024	10553.52	Titan1-164	BDL	0.12	BDL	0.38
4/22/2013 20:00	Titan1	124	100	96	3016	10343.38	Titan1-164	BDL	0.17	BDL	0.41
4/22/2013 20:05	Titan1	125	100	96	3021	10255.82	Titan1-164	BDL	0.16	BDL	0.46
4/22/2013 20:10	Titan1	126	100	96	3023	10136.71	Titan1-164	BDL	0.2	BDL	0.46
4/22/2013 20:15	Titan1	127	100	96	3023	10031.07	Titan1-164	BDL	0.21	BDL	0.44
4/22/2013 20:20	Titan1	128	100	96	3022	9942.572	Titan1-164	BDL	0.23	BDL	0.39
4/22/2013 20:25	Titan1	129	100	96	3020	9900.853	Titan1-164	BDL	0.23	BDL	0.31
4/22/2013 20:30	Titan1	130	100	96	3021	9849.707	Titan1-164	BDL	0.23	BDL	0.29
4/22/2013 20:35	Titan1	131	100	96	3005	9816.097	Titan1-164	BDL	0.24	BDL	0.23
4/22/2013 20:40	Titan1	132	100	96	3014	9821.378	Titan1-164	BDL	0.24	BDL	0.12
4/22/2013 20:45	Titan1	133	100	96	3016	9800.424	Titan1-164	BDL	0.23	BDL	0.11
4/22/2013 20:50	Titan1	134	100	96	3010	9794.002	Titan1-164	BDL	0.24	BDL	0.09
4/22/2013 20:55	Titan1	135	100	96	3006	9780.89	Titan1-164	BDL	0.24	BDL	0.06
4/22/2013 21:00	Titan1	136	100	96	3005	9738.687	Titan1-164	BDL	0.24	BDL	0.02
4/22/2013 21:05	Titan1	137	100	96	3007	9717.887	Titan1-164	BDL	0.22	BDL	0.04
4/22/2013 21:10	Titan1	138	100	96	3006	9651.313	Titan1-164	BDL	0.13	BDL	0.07
4/22/2013 21:15	Titan1	139	100	96	3008	9572.906	Titan1-164	BDL	0.07	BDL	0.1
4/22/2013 21:20	Titan1	140	100	96	3007	9528.308	Titan1-164	BDL	0.08	BDL	0.15
4/22/2013 21:25	Titan1	141	100	96	3002	9483.082	Titan1-164	BDL	0.02	BDL	0.19
4/22/2013 21:30	Titan1	142	100	96	3005	9464.582	Titan1-164	BDL	0.04	BDL	0.19
4/22/2013 21:35	Titan1	143	100	96	3016	9437.01	Titan1-164	BDL	0.15	BDL	0.2
4/22/2013 21:40	Titan1	144	100	96	3003	9426.739	Titan1-164	BDL	0.02	BDL	0.23

Sample Date/Time	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2
Maximum:	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5
4/22/2013 7:56	BDL	0.49	BDL	0.11	BDL	0.5	BDL	0.77	BDL	0.37	BDL	0.54	BDL	0.28	BDL	0.08	BDL	0.07	0.050693	0.9
4/22/2013 7:57	BDL	0.6	BDL	0.22	BDL	0.6	BDL	0.67	BDL	0.43	BDL	0.52	BDL	0.31	BDL	0.09	BDL	0.05	0.042103	0.88
4/22/2013 7:58	BDL	0.66	BDL	0.4	BDL	0.4	BDL	0.63	BDL	0.47	BDL	0.49	BDL	0.13	BDL	0.09	BDL	0.22	0.025083	0.88
4/22/2013 7:59	BDL	0.41	BDL	0.42	BDL	0.2	BDL	0.63	BDL	0.46	BDL	0.51	BDL	0.26	BDL	0.1	BDL	0.07	0.077082	0.93
4/22/2013 8:04	BDL	0.52	BDL	0.38	BDL	0.3	BDL	0.57	BDL	0.5	BDL	0.54	BDL	0.3	BDL	0.1	BDL	0.1	0.029039	0.85
4/22/2013 8:09	BDL	0.42	BDL	0.36	BDL	0.2	BDL	0.66	BDL	0.45	BDL	0.59	BDL	0.33	BDL	0.1	BDL	0.15	0.042944	0.89
4/22/2013 8:14	BDL	0.47	BDL	0.37	BDL	0.1	BDL	0.43	BDL	0.48	BDL	0.52	BDL	0.37	BDL	0.09	BDL	0.34	0.022814	0.83
4/22/2013 8:19	BDL	0.42	BDL	0.38	BDL	0.1	BDL	0.51	BDL	0.45	BDL	0.53	BDL	0.35	BDL	0.11	BDL	0.23	0.041338	0.9
4/22/2013 8:24	BDL	0.37	BDL	0.38	BDL	0	BDL	0.35	BDL	0.44	BDL	0.58	BDL	0.4	BDL	0.11	BDL	0.17	0.034826	0.88
4/22/2013 8:29	BDL	0.38	BDL	0.37	BDL	0.2	BDL	0.36	BDL	0.44	BDL	0.6	BDL	0.19	BDL	0.11	BDL	0.21	0.0752	0.9
4/22/2013 8:34	BDL	0.39	BDL	0.44	BDL	0.2	BDL	0.64	BDL	0.46	BDL	0.57	BDL	0.34	BDL	0.11	BDL	0.22	0.057384	0.89
4/22/2013 8:39	BDL	0.38	BDL	0.49	BDL	0.2	BDL	0.47	BDL	0.44	BDL	0.54	BDL	0.2	BDL	0.1	BDL	0.15	0.080549	0.9
4/22/2013 8:44	BDL	0.48	BDL	0.56	BDL	0.2	BDL	0.35	BDL	0.46	BDL	0.52	BDL	0.31	BDL	0.1	BDL	0.25	0.033458	0.84
4/22/2013 8:49	BDL	0.42	BDL	0.54	BDL	0.2	BDL	0.23	BDL	0.46	BDL	0.52	BDL	0.17	BDL	0.1	BDL	0.26	0.063112	0.9
4/22/2013 8:54	BDL	0.41	BDL	0.54	BDL	0.1	BDL	0.38	BDL	0.46	BDL	0.51	BDL	0.41	BDL	0.11	BDL	0.27	0.053866	0.9
4/22/2013 8:59	BDL	0.38	BDL	0.51	BDL	0.1	BDL	0.44	BDL	0.46	BDL	0.52	BDL	0.1	BDL	0.11	BDL	0.26	0.050613	0.89
4/22/2013 9:04	BDL	0.37	BDL	0.48	BDL	0.1	BDL	0.43	BDL	0.45	BDL	0.51	BDL	0.34	BDL	0.1	BDL	0.24	0.101153	0.92
4/22/2013 9:09	BDL	0.38	BDL	0.48	BDL	0.1	BDL	0.25	BDL	0.45	BDL	0.53	BDL	0.38	BDL	0.1	BDL	0.19	0.085988	0.92
4/22/2013 9:15	BDL	0.37	BDL	0.52	BDL	0	BDL	0.16	BDL	0.45	BDL	0.54	BDL	0.13	BDL	0.1	BDL	0.17	0.059911	0.91
4/22/2013 9:20	BDL	0.41	BDL	0.48	BDL	0.2	BDL	0.36	BDL	0.45	BDL	0.53	BDL	0.29	BDL	0.1	BDL	0.15	0.129159	0.93
4/22/2013 9:25	BDL	0.4	BDL	0.49	BDL	0.1	BDL	0.26	BDL	0.44	BDL	0.59	BDL	0.32	BDL	0.1	BDL	0.14	0.100553	0.93
4/22/2013 9:30	BDL	0.37	BDL	0.5	BDL	0.1	BDL	0.43	BDL	0.45	BDL	0.59	BDL	0.41	BDL	0.1	BDL	0.13	0.084987	0.92
4/22/2013 9:35	BDL	0.46	BDL	0.49	BDL	0	BDL	0.08	BDL	0.45	BDL	0.54	BDL	0.21	BDL	0.1	BDL	0.21	0.040496	0.88
4/22/2013 9:40	BDL	0.42	BDL	0.44	BDL	0	BDL	0.16	BDL	0.47	BDL	0.56	BDL	0.39	BDL	0.1	BDL	0.18	0.040928	0.9
4/22/2013 9:45	BDL	0.4	BDL	0.5	BDL	0	BDL	0.11	BDL	0.46	BDL	0.56	BDL	0.4	BDL	0.1	BDL	0.22	0.048241	0.9
4/22/2013 9:50	BDL	0.37	BDL	0.55	BDL	0	BDL	0.12	BDL	0.44	BDL	0.55	BDL	0.38	BDL	0.1	BDL	0.18	0.059638	0.9
4/22/2013 9:55	BDL	0.42	BDL	0.5	BDL	0.1	BDL	0.3	BDL	0.45	BDL	0.55	BDL	0.32	BDL	0.1	BDL	0.1	0.15414	0.94
4/22/2013 10:00	BDL	0.38	BDL	0.27	BDL	0.1	BDL	0.51	BDL	0.44	BDL	0.53	BDL	0.3	BDL	0.09	BDL	0.11	0.29635	0.94
4/22/2013 10:05	BDL	0.43	BDL	0.39	BDL	0.1	BDL	0.19	BDL	0.54	BDL	0.58	BDL	0.32	BDL	0.12	BDL	0.13	0.023928	0.85
4/22/2013 10:10	BDL	0.38	BDL	0.49	BDL	0	BDL	0.25	BDL	0.47	BDL	0.55	BDL	0.29	BDL	0.1	BDL	0.14	0.066645	0.91
4/22/2013 10:15	BDL	0.37	BDL	0.44	BDL	0	BDL	0.2	BDL	0.47	BDL	0.54	BDL	0.32	BDL	0.11	BDL	0.14	0.101759	0.94
4/22/2013 10:20	BDL	0.4	BDL	0.1	BDL	0	BDL	0.48	BDL	0.42	BDL	0.54	BDL	0.38	BDL	0.1	BDL	0.12	0.092032	0.91
4/22/2013 10:25	BDL	0.36	BDL	0.32	BDL	0	BDL	0.23	BDL	0.51	BDL	0.57	BDL	0.32	BDL	0.11	BDL	0.13	0.045248	0.91
4/22/2013 10:30	BDL	0.4	BDL	0.46	BDL	0	BDL	0.57	BDL	0.49	BDL	0.5	BDL	0.29	BDL	0.11	BDL	0.11	0.081194	0.92
4/22/2013 10:35	BDL	0.35	BDL	0.39	BDL	0	BDL	0.33	BDL	0.51	BDL	0.54	BDL	0.17	BDL	0.11	BDL	0.1	0.05518	0.92
4/22/2013 10:40	BDL	0.34	BDL	0.29	BDL	0.3	BDL	0.46	BDL	0.53	BDL	0.5	BDL	0.29	BDL	0.12	BDL	0.15	0.023864	0.89
4/22/2013 10:45	BDL	0.36	BDL	0.11	BDL	0	BDL	0.41	BDL	0.44	BDL	0.5	BDL	0.29	BDL	0.09	BDL	0.08	0.058083	0.93
4/22/2013 10:50	BDL	0.35	BDL	0.44	BDL	0	BDL	0.33	BDL	0.47	BDL	0.52	BDL	0.19	BDL	0.1	BDL	0.09	0.096245	0.94
4/22/2013 10:55	BDL	0.33	BDL	0.47	BDL	0	BDL	0.15	BDL	0.47	BDL	0.54	BDL	0.23	BDL	0.1	BDL	0.09	0.159764	0.95
4/22/2013 11:00	BDL	0.31	BDL	0.09	BDL	0	BDL	0.42	BDL	0.46	BDL	0.45	BDL	0.4	BDL	0.1	BDL	0.08	0.077329	0.95
4/22/2013 11:05	BDL	0.29	BDL	0.08	BDL	0.2	BDL	0.47	BDL	0.49	BDL	0.49	BDL	0.33	BDL	0.11	BDL	0.09	0.041534	0.92
4/22/2013 11:10	BDL	0.32	BDL	0.37	BDL	0	BDL	0.31	BDL	0.51	BDL	0.52	BDL	0.25	BDL	0.11	BDL	0.1	0.139503	0.95
4/22/2013 11:15	BDL	0.31	BDL	0.2	BDL	0	BDL	0.3	BDL	0.52	BDL	0.53	BDL	0.24	BDL	0.11	BDL	0.11	0.098686	0.96
4/22/2013 11:20	BDL	0.26	BDL	0.04	BDL	0.3	BDL	0.53	BDL	0.58	BDL	0.54	BDL	0.36	BDL	0.1	BDL	0.19	0.036835	0.96
4/22/2013 11:25	BDL	0.23	BDL	0.08	BDL	0.6	BDL	0.39	BDL	0.62	BDL	0.56	BDL	0.18	BDL	0.11	BDL	0.05	0.012187	0.97
4/22/2013 11:30	BDL	0.29	BDL	0.07	BDL	0.2	BDL	0.38	BDL	0.6	BDL	0.52	BDL	0.25	BDL	0.11	BDL	0.24	0.062359	0.97
4/22/2013 11:35	BDL	0.24	BDL	0.1	BDL	0.5	BDL	0.75	BDL	0.59	BDL	0.54	BDL	0.41	BDL	0.1	BDL	0.13	0.030419	0.97
4/22/2013 11:40	BDL	0.29	BDL	0.08	BDL	0.1	BDL	0.17	BDL	0.57	BDL	0.5	BDL	0.22	BDL	0.1	BDL	0.22	0.073359	0.97
4/22/2013 11:45	BDL	0.29	BDL	0.08	BDL	0.2	BDL	0.39	BDL	0.57	BDL	0.51	BDL	0.29	BDL	0.11	BDL	0.14	0.076028	0.97
4/22/2013 11:50	BDL	0.22	BDL	0.09	BDL	0.6	BDL	0.56	BDL	0.21	BDL	0.49	BDL	0.35	BDL	0.11	BDL	0.02	0.026005	0.98
4/22/2013 11:55	BDL	0.25	BDL	0.08	BDL	0.5	BDL	0.61	BDL	0.5	BDL	0.49	BDL	0.09	BDL	0.09	BDL	0.02	0.035354	0.98
4/22/2013 12:00	BDL	0.27	BDL	0.1	BDL	0.4	BDL	0.55	BDL	0.54	BDL	0.49	BDL	0.25	BDL	0.09	BDL	0.25	0.044242	0.97
4/22/2013 12:05	BDL	0.14	BDL	0.05	BDL	0.8	BDL	0.56	BDL	0.32	BDL	0.54	BDL	0.17	BDL	0.07	BDL	0	0.007764	0.89
4/22/2013 12:10	BDL	0.26	BDL	0.11	BDL	0.4	BDL	0.46	BDL	0.53	BDL	0.51	BDL	0.17	BDL	0.08	BDL	0.16	0.046214	0.97
4/22/2013 12:15	BDL	0.31	BDL	0.07	BDL	0.1	BDL	0.2	BDL	0.49	BDL	0.51	BDL	0.27	BDL	0.08	BDL	0.44	0.117712	0.97
4/22/2013 12:20	BDL	0.23	BDL	0.1	BDL	0.6	BDL	0.42	BDL	0.12	BDL	0.53	BDL	0.16	BDL	0.07	BDL	0.02	0.031264	0.97
4/22/2013 12:25	BDL	0.21	BDL	0.1	BDL	0.7	BDL	0.36	BDL	0.37	BDL	0.52	BDL	0.19	BDL	0.05	BDL	0	0.022863	0.96
4/22/2013 12:31	BDL	0.3	BDL	0.14	BDL	0.2	BDL	0.2	BDL	0.46	BDL	0.51	BDL	0.06	BDL	0.08	BDL	0.37	0.091082	0.96
4/22/2013 12:36	BDL	0.28	BDL	0.1	BDL	0.4	BDL	0.17	BDL	0.46	BDL	0.52	BDL	0.25	BDL	0.07	BDL	0.14	0.06738	0.96
4/22/2013 12:41	BDL	0.17	BDL	0.12	BDL	0.7	BDL	0.47	BDL	0.36	BDL	0.53	BDL	0.07	BDL	0.06	BDL	0	0.014752	0.95
4/22/2013 12:46	BDL	0.27	BDL	0.15	BDL	0.5	BDL	0.39	BDL	0.35	BDL	0.51	BDL	0.38	BDL	0.08	BDL	0.05	0.051883	0.96
4/22/2013 12:51	BDL	0.28	BDL	0.22	BDL	0.4	BDL	0.28	BDL	0.48	BDL	0.52	BDL	0.37	BDL	0.08	BDL	0.22	0.071815	0.96
4/22/2013 12:56	BDL	0.24	BDL	0.13	BDL	0.6	BDL	0.37	BDL	0.25	BDL	0.53	BDL	0.31	BDL	0.04	BDL	0.01	0.038396	0.96
4/22/2013 13:01	BDL	0.2	BDL	0.12	BDL	0.7	BDL	0.32	BDL	0.19	BDL	0.54	BDL	0.31	BDL	0.06	BDL	0.01	0.020922	0.96
4/22/2013 13:06	BDL	0.16	BDL	0.11	BDL	0.8	BDL	0.4	BDL	0.2	BDL	0.54	BDL	0.34	BDL	0.05	BDL	0.01	0.010624	0.91
4/22/2013 13:11	BDL	0.32	BDL	0.34	BDL	0	BDL	0.13	BDL	0.48	BDL	0.56	BDL	0.26	BDL	0.08	0.002101	0.47	0.201621	0.95
4/22/2013 13:16	BDL	0.22	BDL	0.14	BDL	0.7	BDL	0.28	BDL	0.08	BDL	0.54	BDL	0.31	BDL	0.07	BDL	0	0.034509	0.96
4/22/2013 13:21	BDL	0.19	BDL	0.1	BDL	0.8	BDL	0.21	BDL	0.23	BDL	0.5	BDL	0.3	BDL	0.06	BDL	0.01	0.019233	0.94
4/22/2013 13:26	BDL	0.25	BDL	0.13	BDL	0.6	BDL	0.23	BDL	0.45	BDL	0.56	BDL	0.28	BDL	0.08	BDL	0.01	0.043075	0.96
4/22/2013 13:31	BDL	0.25	BDL	0.11	BDL	0.6	BDL	0.22	BDL	0.39	BDL	0.55	BDL	0.29	BDL	0.09	BDL	0.01	0.046067	0.96
4/22/2013 13:36	BDL	0.26	BDL	0.16	BDL	0.6	BDL	0.22	BDL	0.41	BDL	0.57	BDL	0.28	BDL	0.08	BDL	0.02	0.044459	0.95
4/22/2013 13:41	BDL	0.3	BDL	0.2	BDL	0.2	BDL	0.15	BDL	0.5	BDL	0.6	BDL	0.23	BDL	0.1	BDL	0.23	0.09009	0.95
4/22/2013 13:46	BDL	0.16	BDL	0.1	BDL	0.8	BDL	0.23	BDL	0.17	BDL	0.57	BDL	0.25	BDL	0.07	BDL	0.01	0.010168	0.92
4/22/2013 15:45	BDL	0.73	BDL	0.19	BDL	0.9	BDL	0.69	BDL	0.31	BDL	0.26	BDL	0.01	BDL	0.04	BDL	0.13	0.026721	0.7
4/22/2013 15:50	BDL	0.63	BDL	0.16	BDL	0.7	BDL	0.61	BDL	0.35	BDL	0.12	BDL	0.01	BDL	0.11	BDL	0.17	0.059386	0.91
4/22/2013 15:55	BDL	0.74	BDL	0.17	BDL	0.8	BDL	0.42	BDL	0.09	BDL	0.14	BDL	0.07	BDL	0.06	BDL	0.23	0.013354	0.82
4/22/2013 17:00	BDL	0.55	BDL	0.33	BDL	0.7	BDL	0.01	BDL	0.41	BDL	0.27	BDL	0.01	BDL	0.1	BDL	0.08	0.081628	0.9
4/22/2013 17:05	BDL	0.59	BDL	0.19	BDL	0.7	BDL	0.24	BDL	0.32	BDL	0.06	BDL	0	BDL	0.08	BDL	0.24	0.019954	0.87
4/22/2013 17:10	BDL	0.46	BDL	0.18	BDL	0.2	BDL	0.3	BDL	0.42	BDL	0.18	BDL	0.01	BDL	0.09	BDL	0.35	0.066156	0.92
4/22/2013 17:15	BDL	0.44	BDL	0.2	BDL	0.1	BDL	0.4	BDL	0.43	BDL	0.09	BDL	0	BDL	0.09	BDL	0.21	0.11328	0.93
4/22/2013 17:20	BDL	0.53	BDL	0.14	BDL	0.1	BDL	0.39	BDL	0.42	BDL	0.03	BDL	0	BDL	0.09	BDL	0.24	0.059885	0.93
4/22/2013 17:25	BDL	0.4	BDL	0.21	BDL	0.1	BDL	0.26	BDL	0.44	BDL	0.09	BDL	0	BDL	0.1	BDL	0.21	0.111958	0.93
4/22/2013 17:30	BDL	0.45	BDL	0.18	BDL	0	BDL	0.41	BDL	0.38	BDL	0.47	BDL	0	BDL	0.11	BDL	0.35	0.045435	0.94
4/22/2013 17:35	BDL	0.43	BDL	0.47	BDL	0.8	BDL	0.13	BDL	0.64	BDL	0.43	BDL	0	BDL	0.02	BDL	0.06	0.067627	0.9
4/22/2013 17:40	BDL	0.38	BDL	0.18	BDL	0.2	BDL	0.36	BDL	0.43	BDL	0.28	BDL	0	BDL	0.12	BDL	0.27	0.073279	0.93
4/22/2013 17:45	BDL	0.39	BDL	0.18	BDL	0	BDL	0.47	BDL	0.45	BDL	0.47	BDL	0	BDL	0.11	BDL	0.28	0.038537	0.94
4/22/2013 17:50	BDL	0.5	BDL	0.18	BDL	0.6	BDL	0.51	BDL	0.34	BDL	0.59	BDL	0	BDL	0.12	BDL	0.09	0.00944	0.92
4/22/2013 17:55	BDL	0.39	BDL	0.16	BDL	0	BDL	0.21	BDL	0.43	BDL	0.44	BDL	0.01	BDL	0.12	BDL	0.27	0.032321	0.94
4/22/2013 18:00	BDL	0.46	BDL	0.2	BDL	0.1	BDL	0.4	BDL	0.42	BDL	0.45	BDL	0	BDL	0.12	BDL	0.06	0.029667	0.95
4/22/2013 18:05	BDL	0.33	BDL	0.15	BDL	0.7	BDL	0.36	BDL	0.26	BDL	0.47	BDL	0	BDL	0.15	BDL	0.01	0.018866	0.95
4/22/2013 18:11	BDL	0.36	BDL	0.19	BDL	0.9	BDL	0.35	BDL	0.04	BDL	0.47	BDL	0	BDL	0.13	BDL	0.03	0.004787	0.89
4/22/2013 18:16	BDL	0.26	BDL	0.18	BDL	0.9	BDL	0.3	BDL	0.05	BDL	0.55	BDL	0	BDL	0.13	BDL	0.01	0.002469	0.69
4/22/2013 18:21	BDL	0.22	BDL	0.2	BDL	0.9	BDL	0.17	BDL	0.08	BDL	0.53	BDL	0	BDL	0.14	BDL	0.01	BDL	0.2
4/22/2013 18:26	BDL	0.14	BDL	0.18	BDL	0.9	BDL	0.15	BDL	0.19	BDL	0.52	BDL	0	BDL	0.13	BDL	0	BDL	0.06
4/22/2013 18:31	BDL	0.1	BDL	0.21	BDL	0.9	BDL	0.31	BDL	0.28	BDL	0.48	BDL	0.01	BDL	0.11	BDL	0.01	BDL	0.09
4/22/2013 18:36	BDL	0.17	BDL	0.17	BDL	0.9	BDL	0.3	BDL	0.24	BDL	0.43	BDL	0	BDL	0.12	BDL	0.01	BDL	0.25
4/22/2013 18:41	BDL	0.19	BDL	0.18	BDL	0.9	BDL	0.33	BDL	0.13	BDL	0.52	BDL	0	BDL	0.12	BDL	0.01	BDL	0.34
4/22/2013 18:46	BDL	0.29	BDL	0.16	BDL	0.9	BDL	0.16	BDL	0.12	BDL	0.5	BDL	0.01	BDL	0.13	BDL	0.01	BDL	0.34
4/22/2013 18:51	BDL	0.46	BDL	0.16	BDL	0.9	BDL	0.28	BDL	0.25	BDL	0.44	BDL	0	BDL	0.13	BDL	0.01	BDL	0.32
4/22/2013 18:56	BDL	0.29	BDL	0.15	BDL	0.9	BDL	0.23	BDL	0.08	BDL	0.43	BDL	0	BDL	0.13	BDL	0.02	BDL	0.22
4/22/2013 19:01	BDL	0.42	BDL	0.18	BDL	0.8	BDL	0.17	BDL	0.06	BDL	0.48	BDL	0	BDL	0.12	BDL	0.03	BDL	0.18
4/22/2013 19:06	BDL	0.48	BDL	0.15	BDL	0.8	BDL	0.38	BDL	0.07	BDL	0.43	BDL	0	BDL	0.12	BDL	0.04	BDL	0.2
4/22/2013 19:15	BDL	0.06	BDL	0.13	BDL	0.9	BDL	0.03	BDL	0.44	BDL	0.59	BDL	0.01	BDL	0.09	BDL	0.02	BDL	0.03
4/22/2013 19:20	BDL	0.06	BDL	0.15	BDL	0.9	BDL	0.02	BDL	0.43	BDL	0.52	BDL	0.01	BDL	0.09	BDL	0.01	BDL	0.01
4/22/2013 19:25	BDL	0.06	BDL	0.13	BDL	0.9	BDL	0.06	BDL	0.44	BDL	0.45	BDL	0.01	BDL	0.08	BDL	0.01	BDL	0.03
4/22/2013 19:30	BDL	0.06	BDL	0.15	BDL	0.9	BDL	0.07	BDL	0.43	BDL	0.39	BDL	0.02	BDL	0.08	BDL	0.01	BDL	0.06
4/22/2013 19:35	BDL	0.06	BDL	0.17	BDL	0.9	BDL	0.04	BDL	0.44	BDL	0.34	BDL	0.01	BDL	0.08	BDL	0.01	BDL	0.12
4/22/2013 19:40	BDL	0.06	BDL	0.14	BDL	0.9	BDL	0.02	BDL	0.42	BDL	0.17	BDL	0.01	BDL	0.07	BDL	0.01	BDL	0.03
4/22/2013 19:45	BDL	0.04	BDL	0.17	BDL	0.9	BDL	0.03	BDL	0.42	BDL	0.16	BDL	0.01	BDL	0.09	BDL	0	BDL	0.11
4/22/2013 19:50	BDL	0.04	BDL	0.16	BDL	0.9	BDL	0.01	BDL	0.44	BDL	0.1	BDL	0.01	BDL	0.1	BDL	0.01	BDL	0.06
4/22/2013 19:55	BDL	0.03	BDL	0.16	BDL	0.9	BDL	0.03	BDL	0.45	BDL	0.08	BDL	0.01	BDL	0.09	BDL	0.03	BDL	0.11
4/22/2013 20:00	BDL	0.08	BDL	0.19	BDL	0.9	BDL	0.04	BDL	0.42	BDL	0.03	BDL	0.01	BDL	0.07	BDL	0.03	BDL	0.28
4/22/2013 20:05	BDL	0.07	BDL	0.19	BDL	0.9	BDL	0.05	BDL	0.39	BDL	0.03	BDL	0.02	BDL	0.03	BDL	0.05	BDL	0.1
4/22/2013 20:10	BDL	0.03	BDL	0.23	BDL	0.9	BDL	0.14	BDL	0.41	BDL	0.05	BDL	0.04	BDL	0.04	BDL	0.05	BDL	0.12
4/22/2013 20:15	BDL	0.04	BDL	0.24	BDL	0.9	BDL	0.24	BDL	0.36	BDL	0.02	BDL	0.07	BDL	0.03	BDL	0.04	BDL	0.05
4/22/2013 20:20	BDL	0.06	BDL	0.22	BDL	0.9	BDL	0.56	BDL	0.38	BDL	0.04	BDL	0.07	BDL	0.06	BDL	0.04	BDL	0.02
4/22/2013 20:25	BDL	0.06	BDL	0.2	BDL	0.9	BDL	0.56	BDL	0.41	BDL	0.05	BDL	0.05	BDL	0.02	BDL	0.04	BDL	0.1
4/22/2013 20:30	BDL	0.09	BDL	0.25	BDL	0.9	BDL	0.6	BDL	0.42	BDL	0.05	BDL	0.05	BDL	0.04	BDL	0.04	BDL	0.09
4/22/2013 20:35	BDL	0.06	BDL	0.23	BDL	0.9	BDL	0.53	BDL	0.36	BDL	0.07	BDL	0.04	BDL	0.02	BDL	0.03	BDL	0.06
4/22/2013 20:40	BDL	0.04	BDL	0.17	BDL	0.9	BDL	0.84	BDL	0.37	BDL	0.11	BDL	0.02	BDL	0.02	BDL	0.03	BDL	0.01
4/22/2013 20:45	BDL	0.04	BDL	0.2	BDL	0.9	BDL	0.74	BDL	0.37	BDL	0.02	BDL	0.05	BDL	0.02	BDL	0.03	BDL	0.04
4/22/2013 20:50	BDL	0.05	BDL	0.13	BDL	0.9	BDL	0.64	BDL	0.35	BDL	0.06	BDL	0.05	BDL	0.03	BDL	0.05	BDL	0.02
4/22/2013 20:55	BDL	0.06	BDL	0.16	BDL	0.9	BDL	0.76	BDL	0.35	BDL	0.04	BDL	0.02	BDL	0.01	BDL	0.05	BDL	0.09
4/22/2013 21:00	BDL	0.04	BDL	0.22	BDL	0.9	BDL	0.63	BDL	0.34	BDL	0.1	BDL	0.04	BDL	0	BDL	0.04	BDL	0.06
4/22/2013 21:05	BDL	0.07	BDL	0.13	BDL	0.9	BDL	0.67	BDL	0.25	BDL	0.16	BDL	0.03	BDL	0.03	BDL	0.04	BDL	0.04
4/22/2013 21:10	BDL	0.06	BDL	0.24	BDL	0.9	BDL	0.65	BDL	0.12	BDL	0.28	BDL	0.06	BDL	0.13	BDL	0.05	BDL	0.1
4/22/2013 21:15	BDL	0.09	BDL	0.2	BDL	0.9	BDL	0.67	BDL	0.07	BDL	0.22	BDL	0.11	BDL	0.11	BDL	0.01	BDL	0.08
4/22/2013 21:20	BDL	0.09	BDL	0.18	BDL	0.9	BDL	0.71	BDL	0.21	BDL	0.36	BDL	0.07	BDL	0.14	BDL	0.02	BDL	0.07
4/22/2013 21:25	BDL	0.18	BDL	0.17	BDL	0.9	BDL	0.44	BDL	0.15	BDL	0.38	BDL	0.13	BDL	0.1	BDL	0.08	BDL	0.15
4/22/2013 21:30	BDL	0.28	BDL	0.14	BDL	0.9	BDL	0.57	BDL	0.16	BDL	0.32	BDL	0.03	BDL	0.08	BDL	0.07	BDL	0.13
4/22/2013 21:35	BDL	0.3	BDL	0.15	BDL	0.9	BDL	0.56	BDL	0.28	BDL	0.36	BDL	0.14	BDL	0.07	BDL	0.05	BDL	0.11
4/22/2013 21:40	BDL	0.26	BDL	0.1	BDL	0.9	BDL	0.76	BDL	0.06	BDL	0.19	BDL	0.03	BDL	0.01	BDL	0.05	BDL	0.12

Sample Date/Time	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
Maximum:	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/22/2013 7:56	BDL	0.14	BDL	0.66	BDL	0.12	BDL	0.29	BDL	0.2	BDL	0.19	BDL	0.32	BDL	0.87	BDL	0.55	BDL	0.33
4/22/2013 7:57	BDL	0.18	BDL	0.65	BDL	0.17	BDL	0.28	BDL	0.27	BDL	0.27	BDL	0.39	BDL	0.87	BDL	0.37	BDL	0.32
4/22/2013 7:58	BDL	0.18	BDL	0.67	BDL	0.04	BDL	0.27	BDL	0.26	BDL	0.28	BDL	0.4	BDL	0.9	BDL	0.39	BDL	0.32
4/22/2013 7:59	BDL	0.2	BDL	0.63	BDL	0.38	BDL	0.25	BDL	0.18	BDL	0.08	BDL	0.29	BDL	0.89	BDL	0.63	BDL	0.33
4/22/2013 8:04	BDL	0.18	BDL	0.63	BDL	0.06	BDL	0.25	BDL	0.28	BDL	0.05	BDL	0.24	BDL	0.9	BDL	0.34	BDL	0.31
4/22/2013 8:09	BDL	0.18	BDL	0.64	BDL	0.12	BDL	0.27	BDL	0.27	BDL	0.07	BDL	0.27	BDL	0.89	BDL	0.45	BDL	0.31
4/22/2013 8:14	BDL	0.17	BDL	0.66	BDL	0.06	BDL	0.29	BDL	0.24	BDL	0.05	BDL	0.36	BDL	0.9	BDL	0.53	BDL	0.32
4/22/2013 8:19	BDL	0.19	BDL	0.63	BDL	0.12	BDL	0.26	BDL	0.25	BDL	0.08	BDL	0.26	BDL	0.9	BDL	0.46	BDL	0.32
4/22/2013 8:24	BDL	0.18	BDL	0.63	BDL	0.23	BDL	0.27	BDL	0.28	BDL	0.05	BDL	0.3	BDL	0.91	BDL	0.53	BDL	0.33
4/22/2013 8:29	BDL	0.2	BDL	0.6	BDL	0.62	BDL	0.26	BDL	0.24	BDL	0.07	BDL	0.26	BDL	0.85	BDL	0.27	BDL	0.33
4/22/2013 8:34	BDL	0.21	BDL	0.63	BDL	0.41	BDL	0.27	BDL	0.24	BDL	0.04	BDL	0.26	BDL	0.86	BDL	0.67	BDL	0.33
4/22/2013 8:39	BDL	0.2	BDL	0.62	BDL	0.6	BDL	0.26	BDL	0.22	BDL	0.05	BDL	0.26	BDL	0.85	BDL	0.48	BDL	0.32
4/22/2013 8:44	BDL	0.19	BDL	0.64	BDL	0.55	BDL	0.27	BDL	0.17	BDL	0.03	BDL	0.26	BDL	0.83	BDL	0.61	BDL	0.35
4/22/2013 8:49	BDL	0.21	BDL	0.63	BDL	0.55	BDL	0.26	BDL	0.23	BDL	0.02	BDL	0.23	BDL	0.82	BDL	0.62	BDL	0.34
4/22/2013 8:54	BDL	0.23	BDL	0.64	BDL	0.45	BDL	0.24	BDL	0.18	BDL	0.03	BDL	0.23	BDL	0.84	BDL	0.57	BDL	0.35
4/22/2013 8:59	BDL	0.23	BDL	0.64	BDL	0.48	BDL	0.25	BDL	0.19	BDL	0.03	BDL	0.22	BDL	0.86	BDL	0.6	BDL	0.33
4/22/2013 9:04	BDL	0.2	BDL	0.63	BDL	0.73	BDL	0.25	BDL	0.15	BDL	0.02	BDL	0.22	BDL	0.84	BDL	0.64	BDL	0.34
4/22/2013 9:09	BDL	0.22	BDL	0.63	BDL	0.68	BDL	0.24	BDL	0.15	BDL	0.04	BDL	0.2	BDL	0.84	BDL	0.56	BDL	0.35
4/22/2013 9:15	BDL	0.24	BDL	0.64	BDL	0.42	BDL	0.25	BDL	0.17	BDL	0.02	BDL	0.26	BDL	0.86	BDL	0.66	BDL	0.33
4/22/2013 9:20	BDL	0.2	BDL	0.63	BDL	0.67	BDL	0.25	BDL	0.18	BDL	0.04	BDL	0.19	BDL	0.84	BDL	0.63	BDL	0.33
4/22/2013 9:25	BDL	0.21	BDL	0.63	BDL	0.76	BDL	0.24	BDL	0.16	BDL	0.06	BDL	0.25	BDL	0.83	BDL	0.65	BDL	0.33
4/22/2013 9:30	BDL	0.22	BDL	0.63	BDL	0.67	BDL	0.25	BDL	0.15	BDL	0.04	BDL	0.2	BDL	0.84	BDL	0.53	BDL	0.33
4/22/2013 9:35	BDL	0.19	BDL	0.65	BDL	0.55	BDL	0.26	BDL	0.16	BDL	0.03	BDL	0.19	BDL	0.85	BDL	0.71	BDL	0.31
4/22/2013 9:40	BDL	0.2	BDL	0.65	BDL	0.56	BDL	0.28	BDL	0.18	BDL	0.05	BDL	0.25	BDL	0.85	BDL	0.51	BDL	0.35
4/22/2013 9:45	BDL	0.22	BDL	0.65	BDL	0.44	BDL	0.29	BDL	0.14	BDL	0.05	BDL	0.23	BDL	0.87	BDL	0.53	BDL	0.35
4/22/2013 9:50	BDL	0.21	BDL	0.64	BDL	0.57	BDL	0.27	BDL	0.16	BDL	0.03	BDL	0.24	BDL	0.86	BDL	0.47	BDL	0.34
4/22/2013 9:55	BDL	0.22	BDL	0.63	BDL	0.64	BDL	0.26	BDL	0.16	BDL	0.08	BDL	0.22	BDL	0.83	BDL	0.67	BDL	0.34
4/22/2013 10:00	BDL	0.24	BDL	0.64	BDL	0.29	BDL	0.29	BDL	0.17	BDL	0.03	BDL	0.25	BDL	0.85	BDL	0.6	BDL	0.31
4/22/2013 10:05	BDL	0.16	BDL	0.65	BDL	0.03	BDL	0.28	BDL	0.24	BDL	0.03	BDL	0.29	BDL	0.91	BDL	0.49	BDL	0.32
4/22/2013 10:10	BDL	0.21	BDL	0.65	BDL	0.23	BDL	0.28	BDL	0.23	BDL	0.06	BDL	0.31	BDL	0.9	BDL	0.56	BDL	0.33
4/22/2013 10:15	BDL	0.24	BDL	0.66	BDL	0.27	BDL	0.27	BDL	0.27	BDL	0.04	BDL	0.26	BDL	0.87	BDL	0.5	BDL	0.35
4/22/2013 10:20	BDL	0.13	BDL	0.68	BDL	0.14	BDL	0.29	BDL	0.23	BDL	0.02	BDL	0.18	BDL	0.87	BDL	0.48	BDL	0.34
4/22/2013 10:25	BDL	0.14	BDL	0.67	BDL	0.08	BDL	0.28	BDL	0.22	BDL	0.04	BDL	0.32	BDL	0.89	BDL	0.74	BDL	0.33
4/22/2013 10:30	BDL	0.22	BDL	0.64	BDL	0.22	BDL	0.26	BDL	0.2	BDL	0.11	BDL	0.32	BDL	0.88	BDL	0.58	BDL	0.33
4/22/2013 10:35	BDL	0.17	BDL	0.64	BDL	0.16	BDL	0.27	BDL	0.19	BDL	0.11	BDL	0.35	BDL	0.87	BDL	0.61	BDL	0.34
4/22/2013 10:40	BDL	0.13	BDL	0.65	BDL	0.07	BDL	0.25	BDL	0.24	BDL	0.06	BDL	0.27	BDL	0.87	BDL	0.83	BDL	0.35
4/22/2013 10:45	BDL	0.11	BDL	0.65	BDL	0.23	BDL	0.27	BDL	0.21	BDL	0.06	BDL	0.23	BDL	0.85	BDL	0.63	BDL	0.33
4/22/2013 10:50	BDL	0.21	BDL	0.63	BDL	0.37	BDL	0.25	BDL	0.22	BDL	0.12	BDL	0.3	BDL	0.84	BDL	0.5	BDL	0.34
4/22/2013 10:55	BDL	0.25	BDL	0.63	BDL	0.37	BDL	0.26	BDL	0.23	BDL	0.1	BDL	0.27	BDL	0.85	BDL	0.55	BDL	0.35
4/22/2013 11:00	BDL	0.17	BDL	0.65	BDL	0.16	BDL	0.27	BDL	0.26	BDL	0.11	BDL	0.25	BDL	0.85	BDL	0.67	BDL	0.34
4/22/2013 11:05	BDL	0.06	BDL	0.66	BDL	0.14	BDL	0.27	BDL	0.25	BDL	0.13	BDL	0.34	BDL	0.86	BDL	0.51	BDL	0.35
4/22/2013 11:10	BDL	0.23	BDL	0.63	BDL	0.2	BDL	0.25	BDL	0.21	BDL	0.07	BDL	0.27	BDL	0.86	BDL	0.7	BDL	0.35
4/22/2013 11:15	BDL	0.22	BDL	0.63	BDL	0.12	BDL	0.25	BDL	0.22	BDL	0.03	BDL	0.3	BDL	0.86	BDL	0.42	BDL	0.34
4/22/2013 11:20	BDL	0.06	BDL	0.66	BDL	0.02	BDL	0.25	BDL	0.27	BDL	0.04	BDL	0.29	BDL	0.88	BDL	0.39	BDL	0.33
4/22/2013 11:25	BDL	0.13	BDL	0.65	BDL	0.05	BDL	0.26	BDL	0.28	BDL	0.01	BDL	0.29	BDL	0.89	BDL	0.45	BDL	0.33
4/22/2013 11:30	BDL	0.06	BDL	0.64	BDL	0.03	BDL	0.28	BDL	0.26	BDL	0.06	BDL	0.3	BDL	0.88	BDL	0.59	BDL	0.33
4/22/2013 11:35	BDL	0.1	BDL	0.66	BDL	0.03	BDL	0.27	BDL	0.23	BDL	0.03	BDL	0.37	BDL	0.89	BDL	0.48	BDL	0.33
4/22/2013 11:40	BDL	0.08	BDL	0.64	BDL	0.01	BDL	0.25	BDL	0.27	BDL	0.11	BDL	0.36	BDL	0.88	BDL	0.44	BDL	0.34
4/22/2013 11:45	BDL	0.06	BDL	0.64	BDL	0.04	BDL	0.23	BDL	0.2	BDL	0.08	BDL	0.37	BDL	0.89	BDL	0.31	BDL	0.33
4/22/2013 11:50	BDL	0.11	BDL	0.6	BDL	0.08	BDL	0.27	BDL	0.27	BDL	0.04	BDL	0.27	BDL	0.9	BDL	0.46	BDL	0.33
4/22/2013 11:55	BDL	0.11	BDL	0.64	BDL	0.07	BDL	0.25	BDL	0.23	BDL	0.04	BDL	0.36	BDL	0.9	BDL	0.47	BDL	0.33
4/22/2013 12:00	BDL	0.07	BDL	0.63	BDL	0.03	BDL	0.23	BDL	0.24	BDL	0.08	BDL	0.42	BDL	0.9	BDL	0.34	BDL	0.31
4/22/2013 12:05	BDL	0.13	BDL	0.32	BDL	0.08	BDL	0.29	BDL	0.32	BDL	0.06	BDL	0.17	BDL	0.93	BDL	0.55	BDL	0.31
4/22/2013 12:10	BDL	0.04	BDL	0.68	BDL	0.03	BDL	0.27	BDL	0.25	BDL	0.12	BDL	0.41	BDL	0.91	BDL	0.51	BDL	0.32
4/22/2013 12:15	BDL	0.09	BDL	0.65	BDL	0.09	BDL	0.26	BDL	0.22	BDL	0.09	BDL	0.33	BDL	0.9	BDL	0.33	BDL	0.36
4/22/2013 12:20	BDL	0.15	BDL	0.65	BDL	0.05	BDL	0.32	BDL	0.27	BDL	0.1	BDL	0.5	BDL	0.93	BDL	0.46	BDL	0.33
4/22/2013 12:25	BDL	0.13	BDL	0.26	BDL	0.05	BDL	0.35	BDL	0.28	BDL	0.14	BDL	0.13	BDL	0.95	BDL	0.64	BDL	0.34
4/22/2013 12:31	BDL	0.07	BDL	0.68	BDL	0.11	BDL	0.29	BDL	0.21	BDL	0.1	BDL	0.48	BDL	0.92	BDL	0.5	BDL	0.36
4/22/2013 12:36	BDL	0.09	BDL	0.69	BDL	0.04	BDL	0.32	BDL	0.22	BDL	0.1	BDL	0.49	BDL	0.93	BDL	0.58	BDL	0.36
4/22/2013 12:41	BDL	0.14	BDL	0.33	BDL	0.02	BDL	0.35	BDL	0.24	BDL	0.11	BDL	0.27	BDL	0.95	BDL	0.66	BDL	0.36
4/22/2013 12:46	BDL	0.1	BDL	0.67	BDL	0.03	BDL	0.37	BDL	0.21	BDL	0.12	BDL	0.52	BDL	0.93	BDL	0.52	BDL	0.31
4/22/2013 12:51	BDL	0.05	BDL	0.69	BDL	0.09	BDL	0.32	BDL	0.16	BDL	0.11	BDL	0.5	BDL	0.92	BDL	0.65	BDL	0.35
4/22/2013 12:56	BDL	0.12	BDL	0.53	BDL	0.01	BDL	0.35	BDL	0.18	BDL	0.12	BDL	0.14	BDL	0.95	BDL	0.67	BDL	0.32
4/22/2013 13:01	BDL	0.14	BDL	0.48	BDL	0.01	BDL	0.37	BDL	0.22	BDL	0.11	BDL	0.29	BDL	0.95	BDL	0.56	BDL	0.32
4/22/2013 13:06	BDL	0.15	BDL	0.31	BDL	0.01	BDL	0.38	BDL	0.23	BDL	0.1	BDL	0.12	BDL	0.95	BDL	0.66	BDL	0.34
4/22/2013 13:11	BDL	0.27	BDL	0.63	BDL	0.33	BDL	0.29	BDL	0.13	BDL	0.11	BDL	0.42	BDL	0.91	BDL	0.63	BDL	0.33
4/22/2013 13:16	BDL	0.11	BDL	0.52	BDL	0.01	BDL	0.37	BDL	0.21	BDL	0.12	BDL	0.35	BDL	0.95	BDL	0.71	BDL	0.34
4/22/2013 13:21	BDL	0.13	BDL	0.24	BDL	0.01	BDL	0.39	BDL	0.21	BDL	0.1	BDL	0.24	BDL	0.95	BDL	0.7	BDL	0.33
4/22/2013 13:26	BDL	0.09	BDL	0.62	BDL	0.07	BDL	0.32	BDL	0.23	BDL	0.1	BDL	0.39	BDL	0.94	BDL	0.49	BDL	0.34
4/22/2013 13:31	BDL	0.09	BDL	0.59	BDL	0.07	BDL	0.33	BDL	0.23	BDL	0.04	BDL	0.42	BDL	0.94	BDL	0.57	BDL	0.34
4/22/2013 13:36	BDL	0.08	BDL	0.64	BDL	0.09	BDL	0.35	BDL	0.21	BDL	0.08	BDL	0.38	BDL	0.94	BDL	0.62	BDL	0.33
4/22/2013 13:41	BDL	0.12	BDL	0.62	BDL	0.11	BDL	0.31	BDL	0.19	BDL	0.08	BDL	0.45	BDL	0.93	BDL	0.58	BDL	0.34
4/22/2013 13:46	BDL	0.12	BDL	0.14	BDL	0.02	BDL	0.39	BDL	0.25	BDL	0.1	BDL	0.25	BDL	0.96	BDL	0.56	BDL	0.35
4/22/2013 15:45	BDL	0.08	BDL	0.54	BDL	0.23	BDL	0.48	BDL	0.29	BDL	0.16	BDL	0.12	BDL	0.34	BDL	0.57	BDL	0.22
4/22/2013 15:50	BDL	0.06	BDL	0.63	BDL	0.23	BDL	0.35	BDL	0.41	BDL	0.25	BDL	0.24	BDL	0.35	BDL	0.62	BDL	0.31
4/22/2013 15:55	BDL	0.13	BDL	0.47	BDL	0.11	BDL	0.45	BDL	0.32	BDL	0.14	BDL	0.15	BDL	0.13	BDL	0.53	BDL	0.31
4/22/2013 17:00	BDL	0.17	BDL	0.62	BDL	0.18	BDL	0.32	BDL	0.27	BDL	0.08	BDL	0.25	BDL	0.46	BDL	0.53	BDL	0.31
4/22/2013 17:05	BDL	0.1	BDL	0.65	BDL	0.1	BDL	0.36	BDL	0.34	BDL	0.07	BDL	0.21	BDL	0.26	BDL	0.6	BDL	0.31
4/22/2013 17:10	BDL	0.04	BDL	0.62	BDL	0.23	BDL	0.31	BDL	0.24	BDL	0.02	BDL	0.26	BDL	0.45	BDL	0.63	BDL	0.33
4/22/2013 17:15	BDL	0.11	BDL	0.62	BDL	0.35	BDL	0.29	BDL	0.32	BDL	0.15	BDL	0.37	BDL	0.48	BDL	0.6	BDL	0.33
4/22/2013 17:20	BDL	0.05	BDL	0.65	BDL	0.22	BDL	0.29	BDL	0.1	BDL	0.09	BDL	0.21	BDL	0.44	BDL	0.62	BDL	0.31
4/22/2013 17:25	BDL	0.1	BDL	0.62	BDL	0.32	BDL	0.28	BDL	0.3	BDL	0.2	BDL	0.3	BDL	0.46	BDL	0.57	BDL	0.33
4/22/2013 17:30	BDL	0.11	BDL	0.63	BDL	0.11	BDL	0.3	BDL	0.25	BDL	0.11	BDL	0.36	BDL	0.2	BDL	0.65	BDL	0.31
4/22/2013 17:35	BDL	0.16	BDL	0.01	BDL	0.4	BDL	0.33	BDL	0.09	BDL	0.07	BDL	0.83	BDL	0.3	BDL	0.58	BDL	0.32
4/22/2013 17:40	BDL	0.03	BDL	0.62	BDL	0.18	BDL	0.32	BDL	0.17	BDL	0.11	BDL	0.42	BDL	0.32	BDL	0.56	BDL	0.3
4/22/2013 17:45	BDL	0.06	BDL	0.63	BDL	0.17	BDL	0.31	BDL	0.13	BDL	0.21	BDL	0.29	BDL	0.26	BDL	0.59	BDL	0.3
4/22/2013 17:50	BDL	0.11	BDL	0.66	BDL	0.08	BDL	0.35	BDL	0.29	BDL	0.12	BDL	0.16	BDL	0.06	BDL	0.65	BDL	0.27
4/22/2013 17:55	BDL	0.1	BDL	0.64	BDL	0.12	BDL	0.32	BDL	0.24	BDL	0.07	BDL	0.19	BDL	0.18	BDL	0.63	BDL	0.28
4/22/2013 18:00	BDL	0.11	BDL	0.62	BDL	0.08	BDL	0.34	BDL	0.27	BDL	0.12	BDL	0.23	BDL	0.08	BDL	0.61	BDL	0.29
4/22/2013 18:05	BDL	0.12	BDL	0.53	BDL	0.04	BDL	0.34	BDL	0.33	BDL	0.31	BDL	0.23	BDL	0.01	BDL	0.65	BDL	0.29
4/22/2013 18:11	BDL	0.13	BDL	0.35	BDL	0.02	BDL	0.35	BDL	0.27	BDL	0.17	BDL	0.15	BDL	0.04	BDL	0.62	BDL	0.28
4/22/2013 18:16	BDL	0.13	BDL	0.43	BDL	0.02	BDL	0.34	BDL	0.27	BDL	0.19	BDL	0.25	BDL	0.12	BDL	0.6	BDL	0.26
4/22/2013 18:21	BDL	0.13	BDL	0.31	BDL	0.01	BDL	0.37	BDL	0.22	BDL	0.3	BDL	0.23	BDL	0.23	BDL	0.65	BDL	0.26
4/22/2013 18:26	BDL	0.13	BDL	0.21	BDL	0.01	BDL	0.31	BDL	0.07	BDL	0.16	BDL	0.28	BDL	0.32	BDL	0.72	BDL	0.23
4/22/2013 18:31	BDL	0.13	BDL	0.05	BDL	0.02	BDL	0.28	BDL	0.25	BDL	0.25	BDL	0.21	BDL	0.38	BDL	0.64	BDL	0.25
4/22/2013 18:36	BDL	0.14	BDL	0.22	BDL	0.01	BDL	0.29	BDL	0.26	BDL	0.09	BDL	0.32	BDL	0.3	BDL	0.56	BDL	0.27
4/22/2013 18:41	BDL	0.13	BDL	0.45	BDL	0.03	BDL	0.28	BDL	0.21	BDL	0.23	BDL	0.31	BDL	0.25	BDL	0.58	BDL	0.3
4/22/2013 18:46	BDL	0.12	BDL	0.44	BDL	0.02	BDL	0.3	BDL	0.13	BDL	0.43	BDL	0.29	BDL	0.25	BDL	0.59	BDL	0.24
4/22/2013 18:51	BDL	0.13	BDL	0.33	BDL	0.02	BDL	0.26	BDL	0.19	BDL	0.11	BDL	0.12	BDL	0.39	BDL	0.59	BDL	0.24
4/22/2013 18:56	BDL	0.12	BDL	0.53	BDL	0.05	BDL	0.26	BDL	0.2	BDL	0.15	BDL	0.32	BDL	0.22	BDL	0.62	BDL	0.3
4/22/2013 19:01	BDL	0.11	BDL	0.61	BDL	0.05	BDL	0.25	BDL	0.16	BDL	0.06	BDL	0.14	BDL	0.23	BDL	0.54	BDL	0.27
4/22/2013 19:06	BDL	0.12	BDL	0.65	BDL	0.08	BDL	0.26	BDL	0.28	BDL	0.08	BDL	0.13	BDL	0.22	BDL	0.7	BDL	0.3
4/22/2013 19:15	BDL	0.12	BDL	0.53	BDL	0.13	BDL	0.16	BDL	0.04	BDL	0.02	BDL	0.03	BDL	0.75	BDL	0.47	BDL	0.41
4/22/2013 19:20	BDL	0.11	BDL	0.52	BDL	0.13	BDL	0.16	BDL	0.12	BDL	0.16	BDL	0.03	BDL	0.75	BDL	0.37	BDL	0.36
4/22/2013 19:25	BDL	0.11	BDL	0.52	BDL	0.14	BDL	0.18	BDL	0.22	BDL	0.53	BDL	0.02	BDL	0.72	BDL	0.39	BDL	0.37
4/22/2013 19:30	BDL	0.09	BDL	0.5	BDL	0.11	BDL	0.17	BDL	0.11	BDL	0.62	BDL	0.02	BDL	0.7	BDL	0.52	BDL	0.34
4/22/2013 19:35	BDL	0.09	BDL	0.49	BDL	0.08	BDL	0.18	BDL	0.26	BDL	0.31	BDL	0.02	BDL	0.66	BDL	0.54	BDL	0.32
4/22/2013 19:40	BDL	0.1	BDL	0.48	BDL	0.08	BDL	0.27	BDL	0.21	BDL	0.45	BDL	0.03	BDL	0.57	BDL	0.41	BDL	0.05
4/22/2013 19:45	BDL	0.08	BDL	0.43	BDL	0.09	BDL	0.15	BDL	0.14	BDL	0.43	BDL	0.07	BDL	0.42	BDL	0.34	BDL	0.21
4/22/2013 19:50	BDL	0.11	BDL	0.46	BDL	0.15	BDL	0.21	BDL	0.28	BDL	0.17	BDL	0.04	BDL	0.55	BDL	0.52	BDL	0.08
4/22/2013 19:55	BDL	0.1	BDL	0.41	BDL	0.16	BDL	0.13	BDL	0.19	BDL	0.02	BDL	0.16	BDL	0.45	BDL	0.41	BDL	0.19
4/22/2013 20:00	BDL	0.1	BDL	0.4	BDL	0.15	BDL	0.19	BDL	0.19	BDL	0.07	BDL	0.07	BDL	0.43	BDL	0.5	BDL	0.03
4/22/2013 20:05	BDL	0.08	BDL	0.35	BDL	0.14	BDL	0.18	BDL	0.3	BDL	0.09	BDL	0.13	BDL	0.32	BDL	0.26	BDL	0.26
4/22/2013 20:10	BDL	0.08	BDL	0.35	BDL	0.11	BDL	0.17	BDL	0.14	BDL	0.17	BDL	0.05	BDL	0.3	BDL	0.52	BDL	0.13
4/22/2013 20:15	BDL	0.07	BDL	0.32	BDL	0.1	BDL	0.24	BDL	0.21	BDL	0.35	BDL	0.03	BDL	0.27	BDL	0.46	BDL	0.07
4/22/2013 20:20	BDL	0.09	BDL	0.38	BDL	0.16	BDL	0.23	BDL	0.35	BDL	0.27	BDL	0.01	BDL	0.36	BDL	0.3	BDL	0.08
4/22/2013 20:25	BDL	0.09	BDL	0.42	BDL	0.21	BDL	0.19	BDL	0.33	BDL	0.24	BDL	0.03	BDL	0.42	BDL	0.5	BDL	0.21
4/22/2013 20:30	BDL	0.1	BDL	0.37	BDL	0.19	BDL	0.13	BDL	0.43	BDL	0.25	BDL	0.04	BDL	0.37	BDL	0.28	BDL	0.33
4/22/2013 20:35	BDL	0.09	BDL	0.39	BDL	0.21	BDL	0.18	BDL	0.37	BDL	0.16	BDL	0.03	BDL	0.37	BDL	0.55	BDL	0.25
4/22/2013 20:40	BDL	0.11	BDL	0.44	BDL	0.22	BDL	0.36	BDL	0.29	BDL	0.2	BDL	0.03	BDL	0.44	BDL	0.45	BDL	0.31
4/22/2013 20:45	BDL	0.09	BDL	0.41	BDL	0.21	BDL	0.27	BDL	0.37	BDL	0.11	BDL	0.04	BDL	0.39	BDL	0.34	BDL	0.22
4/22/2013 20:50	BDL	0.1	BDL	0.39	BDL	0.27	BDL	0.34	BDL	0.28	BDL	0.22	BDL	0.03	BDL	0.39	BDL	0.5	BDL	0.27
4/22/2013 20:55	BDL	0.11	BDL	0.36	BDL	0.18	BDL	0.17	BDL	0.28	BDL	0.17	BDL	0.06	BDL	0.35	BDL	0.51	BDL	0.17
4/22/2013 21:00	BDL	0.1	BDL	0.35	BDL	0.2	BDL	0.13	BDL	0.23	BDL	0.34	BDL	0.07	BDL	0.26	BDL	0.47	BDL	0.18
4/22/2013 21:05	BDL	0.09	BDL	0.28	BDL	0.25	BDL	0.1	BDL	0.3	BDL	0.21	BDL	0.13	BDL	0.11	BDL	0.52	BDL	0.23
4/22/2013 21:10	BDL	0.09	BDL	0.03	BDL	0.18	BDL	0.04	BDL	0.28	BDL	0.12	BDL	0.22	BDL	0.33	BDL	0.24	BDL	0.07
4/22/2013 21:15	BDL	0.07	BDL	0	BDL	0.16	BDL	0.01	BDL	0.41	BDL	0.09	BDL	0.23	BDL	0.53	BDL	0.39	BDL	0.14
4/22/2013 21:20	BDL	0.05	BDL	0.09	BDL	0.1	BDL	0.11	BDL	0.46	BDL	0.24	BDL	0.26	BDL	0.8	BDL	0.48	BDL	0.1
4/22/2013 21:25	BDL	0.04	BDL	0.02	BDL	0.13	BDL	0.12	BDL	0.42	BDL	0.24	BDL	0.26	BDL	0.72	BDL	0.62	BDL	0.09
4/22/2013 21:30	BDL	0.04	BDL	0.01	BDL	0.16	BDL	0.12	BDL	0.45	BDL	0.14	BDL	0.24	BDL	0.62	BDL	0.38	BDL	0.1
4/22/2013 21:35	BDL	0.04	BDL	0.22	BDL	0.12	BDL	0.08	BDL	0.31	BDL	0.15	BDL	0.36	BDL	0.75	BDL	0.44	BDL	0.07
4/22/2013 21:40	BDL	0.07	BDL	0.11	BDL	0.16	BDL	0.22	BDL	0.57	BDL	0.29	BDL	0.12	BDL	0.16	BDL	0.48	BDL	0.05

Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8
4/22/2013 21:45	Titan1	145	100	96	3011	9398.751	Titan1-164	BDL	0.05	BDL	0.27	BDL	0.34	BDL	0.12	BDL	0.9
4/22/2013 21:50	Titan1	146	100	96	3007	9388.132	Titan1-164	BDL	0.08	BDL	0.24	BDL	0.29	BDL	0.1	BDL	0.9
4/22/2013 21:56	Titan1	147	100	96	3006	9406.367	Titan1-164	BDL	0.11	BDL	0.19	BDL	0.25	BDL	0.11	BDL	0.9
4/22/2013 22:01	Titan1	148	100	96	3007	9432.027	Titan1-164	BDL	0.07	BDL	0.16	BDL	0.4	BDL	0.1	BDL	0.9
4/22/2013 22:06	Titan1	149	100	96	3004	9506.575	Titan1-164	BDL	0.18	BDL	0.11	BDL	0.21	BDL	0.1	BDL	0.9
4/22/2013 22:11	Titan1	150	100	96	3008	9519.817	Titan1-164	BDL	0.14	BDL	0.07	BDL	0.27	BDL	0.12	BDL	0.9
4/22/2013 22:16	Titan1	151	100	96	3020	9505.531	Titan1-164	BDL	0.19	BDL	0.06	BDL	0.24	BDL	0.08	BDL	0.9
4/22/2013 22:21	Titan1	152	100	96	3005	9525.771	Titan1-164	BDL	0.2	BDL	0.01	BDL	0.21	BDL	0.08	BDL	0.9
4/22/2013 22:26	Titan1	153	100	96	3007	9528.386	Titan1-164	BDL	0.21	BDL	0.09	BDL	0.16	BDL	0.08	BDL	0.9
4/22/2013 22:31	Titan1	154	100	96	3007	9538.544	Titan1-164	BDL	0.22	BDL	0.03	BDL	0.15	BDL	0.07	BDL	0.9
4/22/2013 22:36	Titan1	155	100	96	3007	9566.82	Titan1-164	BDL	0.23	BDL	0.24	BDL	0.08	BDL	0.07	BDL	0.9
4/22/2013 22:41	Titan1	156	100	96	3015	9614.228	Titan1-164	BDL	0.23	BDL	0.03	BDL	0.04	BDL	0.1	BDL	0.9
4/22/2013 22:46	Titan1	157	100	96	3018	9611.683	Titan1-164	BDL	0.22	BDL	0.27	BDL	0.08	BDL	0.09	BDL	0.9
4/22/2013 22:51	Titan1	158	100	96	3011	9571.698	Titan1-164	BDL	0.22	BDL	0.02	BDL	0.04	BDL	0.1	BDL	0.9
4/22/2013 22:56	Titan1	159	100	96	3008	9525.529	Titan1-164	BDL	0.23	BDL	0.68	BDL	0.08	BDL	0.2	BDL	0.9
4/22/2013 23:01	Titan1	160	100	96	3005	9523.113	Titan1-164	BDL	0.14	BDL	0.11	BDL	0.07	BDL	0.16	BDL	0.9
4/22/2013 23:06	Titan1	161	100	96	3022	9514.821	Titan1-164	BDL	0.17	BDL	0.51	BDL	0.08	BDL	0.2	BDL	0.8
4/22/2013 23:11	Titan1	162	100	96	3006	9429.496	Titan1-164	BDL	0.02	BDL	0.26	BDL	0.25	BDL	0.18	BDL	0.8
4/22/2013 23:16	Titan1	163	100	96	3010	9435.232	Titan1-164	BDL	0.03	BDL	0.23	BDL	0.08	BDL	0.15	BDL	0.5
4/22/2013 23:21	Titan1	164	100	96	3011	9379.056	Titan1-164	BDL	0	BDL	0	BDL	0	BDL	0	BDL	0
4/22/2013 23:26	Titan1	165	100	96	3018	9338.618	Titan1-164	BDL	0.1	BDL	0.31	BDL	0.09	BDL	0.06	BDL	0.7
4/22/2013 23:31	Titan1	166	100	96	3012	9236.599	Titan1-164	BDL	0.12	BDL	0.58	BDL	0.12	BDL	0.14	BDL	0.8
4/22/2013 23:36	Titan1	167	100	96	3006	9154.419	Titan1-164	BDL	0.26	BDL	0.37	BDL	0.26	BDL	0.21	BDL	0.8
4/22/2013 23:41	Titan1	168	100	96	3012	9008.195	Titan1-164	BDL	0.38	BDL	0.57	BDL	0.13	BDL	0.07	BDL	0.8
4/22/2013 23:46	Titan1	169	100	96	3008	8970.808	Titan1-164	BDL	0.41	BDL	0.58	BDL	0.06	BDL	0.2	BDL	0.9
4/22/2013 23:51	Titan1	170	100	96	3005	8919.338	Titan1-164	BDL	0.37	BDL	0.62	BDL	0.05	BDL	0.14	BDL	0.9
4/22/2013 23:56	Titan1	171	100	96	3009	8944.442	Titan1-164	BDL	0.43	BDL	0.68	BDL	0.14	BDL	0.2	BDL	0.9
4/23/2013 0:01	Titan1	1	100	96	3022	8952.004	Titan1-164	BDL	0.46	BDL	0.72	BDL	0.08	BDL	0.29	BDL	0.9
4/23/2013 0:06	Titan1	2	100	96	3026	9004.696	Titan1-164	BDL	0.53	BDL	0.75	BDL	0.09	BDL	0.37	BDL	0.9
4/23/2013 0:11	Titan1	3	100	96	3017	8942.044	Titan1-164	BDL	0.01	BDL	0.73	BDL	0.1	BDL	0.39	BDL	0.9
4/23/2013 0:16	Titan1	4	100	96	3018	8921.197	Titan1-164	BDL	0.01	BDL	0.69	BDL	0.08	BDL	0.24	BDL	0.9
4/23/2013 0:21	Titan1	5	100	96	3014	8996.997	Titan1-164	BDL	0.49	BDL	0.64	BDL	0.09	BDL	0.12	BDL	0.9
4/23/2013 0:26	Titan1	6	100	96	3009	9032.109	Titan1-164	BDL	0.43	BDL	0.54	BDL	0.06	BDL	0.08	BDL	0.9
4/23/2013 0:31	Titan1	7	100	96	3014	9139.983	Titan1-164	BDL	0.46	BDL	0.5	BDL	0.26	BDL	0.15	BDL	0.9
4/23/2013 0:36	Titan1	8	100	96	3011	9178.175	Titan1-164	BDL	0.41	BDL	0.6	BDL	0.16	BDL	0.11	BDL	0.9
4/23/2013 0:41	Titan1	9	100	96	3010	9162.837	Titan1-164	BDL	0.38	BDL	0.66	BDL	0.29	BDL	0.12	BDL	0.8
4/23/2013 0:46	Titan1	10	100	96	3008	9208.395	Titan1-164	BDL	0.42	BDL	0.73	BDL	0.41	BDL	0.24	BDL	0.8
4/23/2013 0:51	Titan1	11	100	96	3021	9349.271	Titan1-164	BDL	0.51	BDL	0.72	BDL	0.24	BDL	0.3	BDL	0.8
4/23/2013 0:56	Titan1	12	100	96	3025	9292.962	Titan1-164	BDL	0.12	BDL	0.71	BDL	0.08	BDL	0.31	BDL	0.8
4/23/2013 1:01	Titan1	13	100	96	3015	9311.014	Titan1-164	BDL	0.03	BDL	0.66	BDL	0.24	BDL	0.22	BDL	0.8
4/23/2013 1:06	Titan1	14	100	96	3006	9306.698	Titan1-164	BDL	0.57	BDL	0.54	BDL	0.37	BDL	0.12	BDL	0.8
4/23/2013 1:11	Titan1	15	100	96	3010	9341.665	Titan1-164	BDL	0.57	BDL	0.5	BDL	0.32	BDL	0.09	BDL	0.8
4/23/2013 1:17	Titan1	16	100	96	3011	9430.28	Titan1-164	BDL	0.57	BDL	0.52	BDL	0.3	BDL	0.12	BDL	0.8
4/23/2013 1:22	Titan1	17	100	96	3014	9405.802	Titan1-164	BDL	0.54	BDL	0.62	BDL	0.39	BDL	0.16	BDL	0.8
4/23/2013 1:27	Titan1	18	100	96	3013	9361.573	Titan1-164	BDL	0.51	BDL	0.68	BDL	0.4	BDL	0.26	BDL	0.8
4/23/2013 1:32	Titan1	19	100	96	3017	9261.902	Titan1-164	BDL	0.52	BDL	0.73	BDL	0.36	BDL	0.28	BDL	0.8
4/23/2013 1:37	Titan1	20	100	96	3019	9280.501	Titan1-164	BDL	0.36	BDL	0.76	BDL	0.3	BDL	0.31	BDL	0.8
4/23/2013 1:42	Titan1	21	100	96	3017	9266.155	Titan1-164	BDL	0.01	BDL	0.74	BDL	0.15	BDL	0.32	BDL	0.8
4/23/2013 1:47	Titan1	22	100	96	3022	9216.584	Titan1-164	BDL	0	BDL	0.73	BDL	0.12	BDL	0.29	BDL	0.8
4/23/2013 1:52	Titan1	23	100	96	3023	9202.716	Titan1-164	BDL	0.26	BDL	0.71	BDL	0.19	BDL	0.22	BDL	0.8
4/23/2013 1:57	Titan1	24	100	96	3007	9241.594	Titan1-164	BDL	0.31	BDL	0.71	BDL	0.17	BDL	0.3	BDL	0.9
4/23/2013 2:02	Titan1	25	100	96	3019	9146.236	Titan1-164	BDL	0.56	BDL	0.75	BDL	0.21	BDL	0.27	BDL	0.9
4/23/2013 2:07	Titan1	26	100	96	3020	9109.219	Titan1-164	BDL	0.25	BDL	0.8	BDL	0.12	BDL	0.34	BDL	0.9
4/23/2013 2:12	Titan1	27	100	96	3018	9050.899	Titan1-164	BDL	0.06	BDL	0.81	BDL	0.08	BDL	0.36	BDL	0.9
4/23/2013 2:17	Titan1	28	100	96	3024	8997.162	Titan1-164	BDL	0.03	BDL	0.82	BDL	0.11	BDL	0.41	BDL	0.9
4/23/2013 2:22	Titan1	29	100	96	3018	9067.054	Titan1-164	BDL	0	BDL	0.81	BDL	0.04	BDL	0.34	BDL	0.9
4/23/2013 2:27	Titan1	30	100	96	3020	9076.211	Titan1-164	BDL	0.01	BDL	0.81	BDL	0.11	BDL	0.42	BDL	0.9
4/23/2013 2:32	Titan1	31	100	96	3012	9008.324	Titan1-164	BDL	0.01	BDL	0.81	BDL	0.23	BDL	0.45	BDL	0.9
4/23/2013 2:37	Titan1	32	100	96	3021	9022.151	Titan1-164	BDL	0.01	BDL	0.81	BDL	0.25	BDL	0.48	BDL	0.9
4/23/2013 2:42	Titan1	33	100	96	3024	9044.561	Titan1-164	BDL	0.02	BDL	0.81	BDL	0.25	BDL	0.5	BDL	0.9
4/23/2013 2:47	Titan1	34	100	96	3023	8949.045	Titan1-164	BDL	0.03	BDL	0.81	BDL	0.34	BDL	0.5	BDL	0.9
4/23/2013 2:52	Titan1	35	100	96	3019	8915.148	Titan1-164	BDL	0.04	BDL	0.82	BDL	0.38	BDL	0.51	BDL	0.9
4/23/2013 2:57	Titan1	36	100	96	3019	8934.784	Titan1-164	BDL	0.03	BDL	0.81	BDL	0.26	BDL	0.5	BDL	0.9
4/23/2013 3:02	Titan1	37	100	96	3024	9014.859	Titan1-164	BDL	0.04	BDL	0.81	BDL	0.36	BDL	0.55	BDL	0.9
4/23/2013 3:07	Titan1	38	100	96	3020	8992.008	Titan1-164	BDL	0.04	BDL	0.82	BDL	0.37	BDL	0.54	BDL	0.9
4/23/2013 3:12	Titan1	39	100	96	3019	8969.533	Titan1-164	BDL	0.06	BDL	0.82	BDL	0.42	BDL	0.52	BDL	0.9
4/23/2013 3:17	Titan1	40	100	96	3024	9051.169	Titan1-164	BDL	0.06	BDL	0.81	BDL	0.39	BDL	0.56	BDL	0.9
4/23/2013 3:22	Titan1	41	100	96	3017	9064.481	Titan1-164	BDL	0.08	BDL	0.81	BDL	0.39	BDL	0.56	BDL	0.9
4/23/2013 3:27	Titan1	42	100	96	3019	9089.359	Titan1-164	BDL	0.07	BDL	0.81	BDL	0.27	BDL	0.54	BDL	0.9
4/23/2013 3:32	Titan1	43	100	96	3014	9068.028	Titan1-164	BDL	0.08	BDL	0.81	BDL	0.44	BDL	0.55	BDL	0.9
4/23/2013 3:37	Titan1	44	100	96	3017	9022.68	Titan1-164	BDL	0.09	BDL	0.81	BDL	0.39	BDL	0.55	BDL	0.9
4/23/2013 3:42	Titan1	45	100	96	3018	8713.448	Titan1-164	BDL	0.1	BDL	0.82	BDL	0.33	BDL	0.57	BDL	0.9
4/23/2013 3:47	Titan1	46	100	96	3018	8622.881	Titan1-164	BDL	0.09	BDL	0.83	BDL	0.35	BDL	0.54	BDL	0.9
4/23/2013 3:52	Titan1	47	100	96	3023	8608.81	Titan1-164	BDL	0.08	BDL	0.83	BDL	0.59	BDL	0.53	BDL	0.9
4/23/2013 3:57	Titan1	48	100	96	3020	8660.063	Titan1-164	BDL	0.08	BDL	0.83	BDL	0.41	BDL	0.53	BDL	0.9
4/23/2013 4:02	Titan1	49	100	96	3015	8711.68	Titan1-164	BDL	0.09	BDL	0.83	BDL	0.47	BDL	0.54	BDL	0.9
4/23/2013 4:07	Titan1	50	100	96	3019	8753.016	Titan1-164	BDL	0.1	BDL	0.82	BDL	0.29	BDL	0.56	BDL	0.9
4/23/2013 4:12	Titan1	51	100	96	3017	8836.499	Titan1-164	BDL	0.08	BDL	0.82	BDL	0.47	BDL	0.53	BDL	0.9
4/23/2013 4:17	Titan1	52	100	96	3021	9159.105	Titan1-164	BDL	0.15	BDL	0.81	BDL	0.48	BDL	0.51	BDL	0.9
4/23/2013 4:22	Titan1	53	100	96	3019	9112.747	Titan1-164	BDL	0.14	BDL	0.81	BDL	0.29	BDL	0.48	BDL	0.9
4/23/2013 4:27	Titan1	54	100	96	3021	9204.302	Titan1-164	BDL	0.12	BDL	0.83	BDL	0.37	BDL	0.35	BDL	0.9
4/23/2013 4:33	Titan1	55	100	96	3022	9231.988	Titan1-164	BDL	0.12	BDL	0.84	BDL	0.3	BDL	0.34	BDL	0.9
4/23/2013 4:38	Titan1	56	100	96	3024	9177.714	Titan1-164	BDL	0.11	BDL	0.84	BDL	0.48	BDL	0.37	BDL	0.9
4/23/2013 4:43	Titan1	57	100	96	3019	9235.505	Titan1-164	BDL	0.1	BDL	0.84	BDL	0.31	BDL	0.35	BDL	0.9
4/23/2013 4:48	Titan1	58	100	96	3022	9488.655	Titan1-164	BDL	0.1	BDL	0.83	BDL	0.42	BDL	0.4	BDL	0.9
4/23/2013 4:53	Titan1	59	100	96	3023	9545.644	Titan1-164	BDL	0.1	BDL	0.83	BDL	0.38	BDL	0.37	BDL	0.9
4/23/2013 4:58	Titan1	60	100	96	3020	9656.803	Titan1-164	BDL	0.09	BDL	0.83	BDL	0.27	BDL	0.4	BDL	0.9
4/23/2013 5:03	Titan1	61	100	96	3026	9805.848	Titan1-164	BDL	0.11	BDL	0.82	BDL	0.24	BDL	0.46	BDL	0.9
4/23/2013 5:08	Titan1	62	100	96	3008	10275.49	Titan1-164	BDL	0.2	BDL	0.81	BDL	0.28	BDL	0.31	BDL	0.9
4/23/2013 5:13	Titan1	63	100	96	3027	10220.88	Titan1-164	BDL	0.17	BDL	0.8	BDL	0.11	BDL	0.37	BDL	0.9
4/23/2013 5:18	Titan1	64	100	96	3027	10304.19	Titan1-164	BDL	0.16	BDL	0.8	BDL	0.18	BDL	0.35	BDL	0.9
4/23/2013 5:23	Titan1	65	100	96	3029	10329.35	Titan1-164	BDL	0.14	BDL	0.8	BDL	0.34	BDL	0.3	BDL	0.9
4/23/2013 5:28	Titan1	66	100	96	3031	10324.3	Titan1-164	BDL	0.11	BDL	0.8	BDL	0.07	BDL	0.34	BDL	0.8
4/23/2013 5:33	Titan1	67	100	96	3025	10452.25	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.08	BDL	0.34	BDL	0.8
4/23/2013 5:38	Titan1	68	100	96	3029	10724.98	Titan1-164	BDL	0.21	BDL	0.78	BDL	0.24	BDL	0.36	BDL	0.9
4/23/2013 5:43	Titan1	69	100	96	3026	10606.29	Titan1-164	BDL	0.21	BDL	0.79	BDL	0.25	BDL	0.34	BDL	0.9
4/23/2013 5:48	Titan1	70	100	96	3029	10568.88	Titan1-164	BDL	0.18	BDL	0.77	BDL	0.21	BDL	0.28	BDL	0.8
4/23/2013 5:53	Titan1	71	100	96	3026	10710.54	Titan1-164	BDL	0.19	BDL	0.79	BDL	0.44	BDL	0.32	BDL	0.9
4/23/2013 5:58	Titan1	72	100	96	3026	10781.83	Titan1-164	BDL	0.19	BDL	0.78	BDL	0.29	BDL	0.28	BDL	0.8
4/23/2013 6:03	Titan1	73	100	96	3023	10823.19	Titan1-164	BDL	0.19	BDL	0.79	BDL	0.26	BDL	0.32	BDL	0.9
4/23/2013 6:08	Titan1	74	100	96	3019	10963.96	Titan1-164	BDL	0.21	BDL	0.79	BDL	0.41	BDL	0.34	BDL	0.9
4/23/2013 6:13	Titan1	75	100	96	3027	11001.08	Titan1-164	BDL	0.23	BDL	0.79	BDL	0.46	BDL	0.3	BDL	0.9
4/23/2013 6:18	Titan1	76	100	96	3027	10979.89	Titan1-164	BDL	0.21	BDL	0.77	BDL	0.3	BDL	0.31	BDL	0.9
4/23/2013 6:23	Titan1	77	100	96	3027	11051.15	Titan1-164	BDL	0.21	BDL	0.79	BDL	0.4	BDL	0.25	BDL	0.9
4/23/2013 6:28	Titan1	78	100	96	3025	11128.31	Titan1-164	BDL	0.21	BDL	0.78	BDL	0.5	BDL	0.28	BDL	0.9
4/23/2013 6:48	Titan2	1	100	125	2375	15210.52	Titan1-164	BDL	0.18	BDL	0.68	BDL	0.48	BDL	0.37	BDL	0.8
4/23/2013 6:53	Titan2	2	100	125	2370	15202.05	Titan1-164	BDL	0.15	BDL	0.67	BDL	0.23	BDL	0.31	BDL	0.6
4/23/2013 6:58	Titan2	3	100	125	2374	15228.32	Titan1-164	BDL	0.14	BDL	0.68	BDL	0.47	BDL	0.32	BDL	0.5
4/23/2013 7:03	Titan2	4	100	125	2367	15349.81	Titan1-164	BDL	0.14	BDL	0.68	BDL	0.2	BDL	0.36	BDL	0.3
4/23/2013 7:08	Titan2	5	100	125	2366	15376.42	Titan1-164	BDL	0.14	BDL	0.71	BDL	0.24	BDL	0.42	BDL	0.4
4/23/2013 7:13	Titan2	6	100	125	2353	15504.43	Titan1-164	BDL	0.17	BDL	0.72	BDL	0.43	BDL	0.37	BDL	0.5
4/23/2013 7:18	Titan2	7	100	125	2357	12498.86	Titan1-164	BDL	0.19	BDL	0.7	BDL	0.29	BDL	0.33	BDL	0.8
4/23/2013 7:23	Titan2	8	100	125	2390	15537.08	Titan1-164	BDL	0.17	BDL	0.7	BDL	0.37	BDL	0.31	BDL	0.7
4/23/2013 7:28	Titan2	9	100	125	2362	15502.22	Titan1-164	BDL	0.16	BDL	0.7	BDL	0.28	BDL	0.28	BDL	0.6
4/23/2013 7:33	Titan2	10	100	125	2391	15433.56	Titan1-164	BDL	0.16	BDL	0.73	BDL	0.54	BDL	0.31	BDL	0.6
4/23/2013 7:38	Titan2	11	100	125	2378	15263.74	Titan1-164	BDL	0.15	BDL	0.75	BDL	0.42	BDL	0.34	BDL	0.6
4/23/2013 7:43	Titan2	12	100	125	2395	15190.61	Titan1-164	BDL	0.15	BDL	0.77	BDL	0.47	BDL	0.39	BDL	0.8
4/23/2013 7:48	Titan2	13	100	125	2387	15640.21	Titan1-164	BDL	0.2	BDL	0.75	BDL	0.38	BDL	0.29	BDL	0.9
4/23/2013 7:53	Titan2	14	100	125	2382	15362.15	Titan1-164	BDL	0.19	BDL	0.73	BDL	0.39	BDL	0.3	BDL	0.8
4/23/2013 7:58	Titan2	15	100	125	2383	15217.7	Titan1-164	BDL	0.18	BDL	0.71	BDL	0.35	BDL	0.25	BDL	0.7
4/23/2013 8:03	Titan2	16	100	125	2382	14442.42	Titan1-164	BDL	0.18	BDL	0.6	BDL	0.36	BDL	0.28	BDL	0.5
4/23/2013 8:08	Titan2	17	100	125	2387	11755.41	Titan1-164	BDL	0.2	BDL	0.35	BDL	0.35	BDL	0.25	BDL	0.3
4/23/2013 8:13	Titan2	18	100	125	2390	13996.76	Titan1-164	BDL	0.2	BDL	0.55	BDL	0.37	BDL	0.3	BDL	0.5
4/23/2013 8:18	Titan2	19	100	125	2388	12911.57	Titan1-164	BDL	0.2	BDL	0.61	BDL	0.36	BDL	0.3	BDL	0.5
4/23/2013 8:23	Titan2	20	100	125	2388	11482.82	Titan1-164	BDL	0.21	BDL	0.47	BDL	0.36	BDL	0.29	BDL	0.4
4/23/2013 8:28	Titan2	21	100	125	2376	11793.38	Titan1-164	BDL	0.24	BDL	0.62	BDL	0.38	BDL	0.29	BDL	0.6
4/23/2013 8:33	Titan2	22	100	125	2378	13187.92	Titan1-164	BDL	0.26	BDL	0.77	BDL	0.42	BDL	0.26	BDL	0.8
4/23/2013 8:38	Titan2	23	100	125	2394	10693.83	Titan1-164	BDL	0.29	BDL	0.69	BDL	0.38	BDL	0.21	BDL	0.6
4/23/2013 8:43	Titan2	24	100	125	2372	12673.03	Titan1-164	BDL	0.31	BDL	0.73	BDL	0.38	BDL	0.2	BDL	0.7
4/23/2013 8:48	Titan2	25	100	125	2391	11436.82	Titan1-164	BDL	0.33	BDL	0	BDL	0.34	BDL	0.16	BDL	0.2
4/23/2013 8:54	Titan2	26	100	125	2377	12048.41	Titan1-164	BDL	0.24	BDL	0.15	BDL	0.34	BDL	0.17	BDL	0.2

Sample Date/Time	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2
Maximum:	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5
4/22/2013 21:45	BDL	0.55	BDL	0.05	BDL	0.24	BDL	0.07	BDL	0.03	BDL	0.03	BDL	0.11	BDL	0.04
4/22/2013 21:50	BDL	0.6	BDL	0.08	BDL	0.34	BDL	0.06	BDL	0.01	BDL	0.04	BDL	0.11	BDL	0.07
4/22/2013 21:56	BDL	0.77	BDL	0.13	BDL	0.26	BDL	0.11	BDL	0.06	BDL	0.11	BDL	0.2	BDL	0.09
4/22/2013 22:01	BDL	0.66	BDL	0.08	BDL	0.23	BDL	0.07	BDL	0.02	BDL	0.04	BDL	0.03	BDL	0.08
4/22/2013 22:06	BDL	0.73	BDL	0.14	BDL	0.1	BDL	0.06	BDL	0.09	BDL	0.02	BDL	0.12	BDL	0.06
4/22/2013 22:11	BDL	0.55	BDL	0.09	BDL	0.16	BDL	0.02	BDL	0.02	BDL	0.02	BDL	0.16	BDL	0.09
4/22/2013 22:16	BDL	0.7	BDL	0.16	BDL	0.11	BDL	0.04	BDL	0.03	BDL	0.01	BDL	0.01	BDL	0.08
4/22/2013 22:21	BDL	0.6	BDL	0.2	BDL	0.1	BDL	0.03	BDL	0.03	BDL	0.06	BDL	0.06	BDL	0.08
4/22/2013 22:26	BDL	0.78	BDL	0.3	BDL	0.11	BDL	0.02	BDL	0.07	BDL	0.02	BDL	0.08	BDL	0.15
4/22/2013 22:31	BDL	0.8	BDL	0.3	BDL	0.12	BDL	0.02	BDL	0.07	BDL	0.02	BDL	0.12	BDL	0.1
4/22/2013 22:36	BDL	0.87	BDL	0.3	BDL	0.14	BDL	0.01	BDL	0.06	BDL	0.01	BDL	0.04	BDL	0.13
4/22/2013 22:41	BDL	0.79	BDL	0.36	BDL	0.18	BDL	0.03	BDL	0.07	BDL	0.04	BDL	0.05	BDL	0.11
4/22/2013 22:46	BDL	0.69	BDL	0.35	BDL	0.04	BDL	0.14	BDL	0.1	BDL	0.03	BDL	0.11	BDL	0.13
4/22/2013 22:51	BDL	0.41	BDL	0.32	BDL	0.07	BDL	0.02	BDL	0.07	BDL	0.03	BDL	0.11	BDL	0.11
4/22/2013 22:56	BDL	0.54	BDL	0.34	BDL	0.02	BDL	0	BDL	0.2	BDL	0.06	BDL	0.07	BDL	0.13
4/22/2013 23:01	BDL	0.68	BDL	0.15	BDL	0.18	BDL	0.07	BDL	0	BDL	0.03	BDL	0.07	BDL	0.04
4/22/2013 23:06	BDL	0.53	BDL	0.31	BDL	0.01	BDL	0.17	BDL	0.13	BDL	0	BDL	0.26	BDL	0.12
4/22/2013 23:11	BDL	0.28	BDL	0.11	BDL	0.14	BDL	0.01	BDL	0.09	BDL	0.02	BDL	0.27	BDL	0.09
4/22/2013 23:16	BDL	0.59	BDL	0.01	BDL	0.11	BDL	0.02	BDL	0.16	BDL	0.04	BDL	0.31	BDL	0.03
4/22/2013 23:21	BDL	0	BDL	0	BDL	0	BDL	0	BDL	0	BDL	0	BDL	0	BDL	0
4/22/2013 23:26	BDL	0.09	BDL	0.11	BDL	0.01	BDL	0.04	BDL	0.07	BDL	0.15	BDL	0.16	BDL	0.01
4/22/2013 23:31	BDL	0.24	BDL	0.27	BDL	0.01	BDL	0.01	BDL	0.07	BDL	0.12	BDL	0.17	BDL	0.03
4/22/2013 23:36	BDL	0.56	BDL	0.43	BDL	0.06	BDL	0	BDL	0.11	BDL	0.14	BDL	0.2	BDL	0.08
4/22/2013 23:41	BDL	0.42	BDL	0.41	BDL	0.06	BDL	0.03	BDL	0.09	BDL	0.09	BDL	0.28	BDL	0.12
4/22/2013 23:46	BDL	0.28	BDL	0.43	BDL	0.21	BDL	0.06	BDL	0.09	BDL	0.08	BDL	0.1	BDL	0.1
4/22/2013 23:51	BDL	0.25	BDL	0.45	BDL	0.08	BDL	0.04	BDL	0.09	BDL	0.06	BDL	0.04	BDL	0.09
4/22/2013 23:56	BDL	0.12	BDL	0.46	BDL	0.42	BDL	0.02	BDL	0.08	BDL	0.05	BDL	0.11	BDL	0.07
4/23/2013 0:01	BDL	0.05	BDL	0.46	BDL	0.48	BDL	0.01	BDL	0.08	BDL	0.04	BDL	0.07	BDL	0.05
4/23/2013 0:06	BDL	0.04	BDL	0.44	BDL	0.43	BDL	0.01	BDL	0.09	BDL	0.06	BDL	0.04	BDL	0.16
4/23/2013 0:11	BDL	0.29	BDL	0.35	BDL	0.49	BDL	0.01	BDL	0.12	BDL	0.09	BDL	0.1	BDL	0.17
4/23/2013 0:16	BDL	0.08	BDL	0.38	BDL	0.25	BDL	0.02	BDL	0.1	BDL	0.12	BDL	0.16	BDL	0.13
4/23/2013 0:21	BDL	0.03	BDL	0.42	BDL	0.13	BDL	0.13	BDL	0.12	BDL	0.08	BDL	0.16	BDL	0.03
4/23/2013 0:26	BDL	0.4	BDL	0.42	BDL	0.07	BDL	0.21	BDL	0.08	BDL	0.05	BDL	0.03	BDL	0.09
4/23/2013 0:31	BDL	0.64	BDL	0.41	BDL	0.26	BDL	0.16	BDL	0.08	BDL	0.05	BDL	0.18	BDL	0.09
4/23/2013 0:36	BDL	0.56	BDL	0.42	BDL	0.19	BDL	0.12	BDL	0.08	BDL	0.04	BDL	0.1	BDL	0.11
4/23/2013 0:41	BDL	0.58	BDL	0.43	BDL	0.54	BDL	0.1	BDL	0.09	BDL	0.01	BDL	0.07	BDL	0.13
4/23/2013 0:46	BDL	0.73	BDL	0.44	BDL	0.62	BDL	0.05	BDL	0.09	BDL	0.03	BDL	0.01	BDL	0.12
4/23/2013 0:51	BDL	0.77	BDL	0.4	BDL	0.49	BDL	0.01	BDL	0.09	BDL	0.03	BDL	0	BDL	0.16
4/23/2013 0:56	BDL	0.78	BDL	0.34	BDL	0.42	BDL	0.02	BDL	0.06	BDL	0.08	BDL	0.01	BDL	0.1
4/23/2013 1:01	BDL	0.84	BDL	0.38	BDL	0.37	BDL	0.03	BDL	0.11	BDL	0.07	BDL	0.02	BDL	0.11
4/23/2013 1:06	BDL	0.85	BDL	0.41	BDL	0.21	BDL	0.16	BDL	0.1	BDL	0.08	BDL	0.01	BDL	0.06
4/23/2013 1:11	BDL	0.88	BDL	0.41	BDL	0.12	BDL	0.14	BDL	0.08	BDL	0.06	BDL	0.02	BDL	0.1
4/23/2013 1:17	BDL	0.78	BDL	0.41	BDL	0.23	BDL	0.14	BDL	0.09	BDL	0.01	BDL	0.01	BDL	0.09
4/23/2013 1:22	BDL	0.81	BDL	0.42	BDL	0.35	BDL	0.04	BDL	0.08	BDL	0.01	BDL	0.02	BDL	0.1
4/23/2013 1:27	BDL	0.88	BDL	0.43	BDL	0.45	BDL	0.07	BDL	0.09	BDL	0.02	BDL	0.02	BDL	0.11
4/23/2013 1:32	BDL	0.84	BDL	0.44	BDL	0.52	BDL	0.06	BDL	0.09	BDL	0.02	BDL	0.02	BDL	0.06
4/23/2013 1:37	BDL	0.78	BDL	0.43	BDL	0.56	BDL	0.02	BDL	0.11	BDL	0.03	BDL	0.03	BDL	0.14
4/23/2013 1:42	BDL	0.75	BDL	0.4	BDL	0.41	BDL	0.02	BDL	0.15	BDL	0.08	BDL	0.01	BDL	0.16
4/23/2013 1:47	BDL	0.74	BDL	0.42	BDL	0.4	BDL	0.05	BDL	0.11	BDL	0.07	BDL	0.01	BDL	0.07
4/23/2013 1:52	BDL	0.81	BDL	0.41	BDL	0.43	BDL	0.08	BDL	0.09	BDL	0.05	BDL	0.02	BDL	0.06
4/23/2013 1:57	BDL	0.81	BDL	0.41	BDL	0.5	BDL	0.15	BDL	0.08	BDL	0.02	BDL	0.02	BDL	0.13
4/23/2013 2:02	BDL	0.81	BDL	0.42	BDL	0.36	BDL	0.14	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.11
4/23/2013 2:07	BDL	0.69	BDL	0.42	BDL	0.54	BDL	0.11	BDL	0.08	BDL	0.03	BDL	0.01	BDL	0.15
4/23/2013 2:12	BDL	0.57	BDL	0.43	BDL	0.49	BDL	0.06	BDL	0.09	BDL	0.04	BDL	0.02	BDL	0.14
4/23/2013 2:17	BDL	0.41	BDL	0.43	BDL	0.51	BDL	0.03	BDL	0.09	BDL	0.04	BDL	0.01	BDL	0.15
4/23/2013 2:22	BDL	0.11	BDL	0.41	BDL	0.51	BDL	0.02	BDL	0.1	BDL	0.04	BDL	0.01	BDL	0.16
4/23/2013 2:27	BDL	0.06	BDL	0.43	BDL	0.43	BDL	0.02	BDL	0.09	BDL	0.03	BDL	0.04	BDL	0.17
4/23/2013 2:32	BDL	0.1	BDL	0.43	BDL	0.55	BDL	0.02	BDL	0.08	BDL	0.03	BDL	0.04	BDL	0.16
4/23/2013 2:37	BDL	0.1	BDL	0.42	BDL	0.49	BDL	0.02	BDL	0.1	BDL	0.04	BDL	0.03	BDL	0.16
4/23/2013 2:42	BDL	0.15	BDL	0.42	BDL	0.53	BDL	0.02	BDL	0.09	BDL	0.04	BDL	0.02	BDL	0.18
4/23/2013 2:47	BDL	0.07	BDL	0.41	BDL	0.42	BDL	0.02	BDL	0.09	BDL	0.04	BDL	0.06	BDL	0.17
4/23/2013 2:52	BDL	0.26	BDL	0.42	BDL	0.49	BDL	0.02	BDL	0.08	BDL	0.04	BDL	0.09	BDL	0.16
4/23/2013 2:57	BDL	0.06	BDL	0.43	BDL	0.48	BDL	0.02	BDL	0.12	BDL	0.04	BDL	0.05	BDL	0.16
4/23/2013 3:02	BDL	0.1	BDL	0.43	BDL	0.43	BDL	0.02	BDL	0.05	BDL	0.05	BDL	0.04	BDL	0.17
4/23/2013 3:07	BDL	0.32	BDL	0.42	BDL	0.48	BDL	0.01	BDL	0.04	BDL	0.04	BDL	0.03	BDL	0.16
4/23/2013 3:12	BDL	0.27	BDL	0.38	BDL	0.49	BDL	0.01	BDL	0.05	BDL	0.06	BDL	0.03	BDL	0.16
4/23/2013 3:17	BDL	0.24	BDL	0.38	BDL	0.46	BDL	0.01	BDL	0.04	BDL	0.04	BDL	0.02	BDL	0.15
4/23/2013 3:22	BDL	0.38	BDL	0.28	BDL	0.52	BDL	0.01	BDL	0.07	BDL	0.04	BDL	0.04	BDL	0.16
4/23/2013 3:27	BDL	0.3	BDL	0.24	BDL	0.48	BDL	0.02	BDL	0.08	BDL	0.04	BDL	0.04	BDL	0.16
4/23/2013 3:32	BDL	0.27	BDL	0.29	BDL	0.48	BDL	0.01	BDL	0.08	BDL	0.03	BDL	0.04	BDL	0.16
4/23/2013 3:37	BDL	0.29	BDL	0.21	BDL	0.54	BDL	0.01	BDL	0.09	BDL	0.04	BDL	0.08	BDL	0.15
4/23/2013 3:42	BDL	0.27	BDL	0.33	BDL	0.52	BDL	0.01	BDL	0.02	BDL	0.06	BDL	0.09	BDL	0.15
4/23/2013 3:47	BDL	0.38	BDL	0.39	BDL	0.53	BDL	0.01	BDL	0.07	BDL	0.05	BDL	0.13	BDL	0.15
4/23/2013 3:52	BDL	0.24	BDL	0.44	BDL	0.51	BDL	0.01	BDL	0.1	BDL	0.05	BDL	0.14	BDL	0.15
4/23/2013 3:57	BDL	0.26	BDL	0.4	BDL	0.5	BDL	0.01	BDL	0.03	BDL	0.04	BDL	0.13	BDL	0.15
4/23/2013 4:02	BDL	0.32	BDL	0.3	BDL	0.49	BDL	0.01	BDL	0.01	BDL	0.06	BDL	0.07	BDL	0.15
4/23/2013 4:07	BDL	0.55	BDL	0.28	BDL	0.52	BDL	0.01	BDL	0.01	BDL	0.07	BDL	0.12	BDL	0.14
4/23/2013 4:12	BDL	0.42	BDL	0.42	BDL	0.53	BDL	0.01	BDL	0.01	BDL	0.05	BDL	0.1	BDL	0.16
4/23/2013 4:17	BDL	0.58	BDL	0.41	BDL	0.61	BDL	0.01	BDL	0.09	BDL	0.05	BDL	0.02	BDL	0.15
4/23/2013 4:22	BDL	0.55	BDL	0.4	BDL	0.54	BDL	0.02	BDL	0.1	BDL	0.05	BDL	0.03	BDL	0.15
4/23/2013 4:27	BDL	0.56	BDL	0.23	BDL	0.59	BDL	0.04	BDL	0.09	BDL	0.07	BDL	0.06	BDL	0.15
4/23/2013 4:33	BDL	0.46	BDL	0.13	BDL	0.61	BDL	0.05	BDL	0.09	BDL	0.05	BDL	0.04	BDL	0.14
4/23/2013 4:38	BDL	0.52	BDL	0.06	BDL	0.6	BDL	0.06	BDL	0.07	BDL	0.05	BDL	0.02	BDL	0.14
4/23/2013 4:43	BDL	0.3	BDL	0.06	BDL	0.6	BDL	0.05	BDL	0.07	BDL	0.05	BDL	0.02	BDL	0.14
4/23/2013 4:48	BDL	0.4	BDL	0.08	BDL	0.6	BDL	0.05	BDL	0.09	BDL	0.02	BDL	0.01	BDL	0.14
4/23/2013 4:53	BDL	0.3	BDL	0.23	BDL	0.56	BDL	0.04	BDL	0.08	BDL	0.04	BDL	0.02	BDL	0.15
4/23/2013 4:58	BDL	0.34	BDL	0.25	BDL	0.49	BDL	0.04	BDL	0.08	BDL	0.04	BDL	0.01	BDL	0.16
4/23/2013 5:03	BDL	0.31	BDL	0.17	BDL	0.6	BDL	0.04	BDL	0.09	BDL	0.04	BDL	0.02	BDL	0.16
4/23/2013 5:08	BDL	0.14	BDL	0.43	BDL	0.53	BDL	0.04	BDL	0.1	BDL	0.06	BDL	0.07	BDL	0.16
4/23/2013 5:13	BDL	0.45	BDL	0.44	BDL	0.57	BDL	0.08	BDL	0.12	BDL	0.04	BDL	0.01	BDL	0.15
4/23/2013 5:18	BDL	0.48	BDL	0.36	BDL	0.56	BDL	0.12	BDL	0.12	BDL	0.03	BDL	0.02	BDL	0.15
4/23/2013 5:23	BDL	0.5	BDL	0.16	BDL	0.53	BDL	0.13	BDL	0.14	BDL	0.02	BDL	0.03	BDL	0.16
4/23/2013 5:28	BDL	0.53	BDL	0.35	BDL	0.5	BDL	0.11	BDL	0.11	BDL	0.03	BDL	0.01	BDL	0.17
4/23/2013 5:33	BDL	0.52	BDL	0.21	BDL	0.6	BDL	0.07	BDL	0.09	BDL	0.05	BDL	0.02	BDL	0.17
4/23/2013 5:38	BDL	0.62	BDL	0.45	BDL	0.52	BDL	0.05	BDL	0.1	BDL	0.05	BDL	0.02	BDL	0.15
4/23/2013 5:43	BDL	0.51	BDL	0.46	BDL	0.57	BDL	0.1	BDL	0.11	BDL	0.06	BDL	0.01	BDL	0.15
4/23/2013 5:48	BDL	0.59	BDL	0.12	BDL	0.59	BDL	0.17	BDL	0.13	BDL	0.08	BDL	0.02	BDL	0.15
4/23/2013 5:53	BDL	0.37	BDL	0.37	BDL	0.56	BDL	0.2	BDL	0.12	BDL	0.06	BDL	0.03	BDL	0.16
4/23/2013 5:58	BDL	0.59	BDL	0.39	BDL	0.57	BDL	0.14	BDL	0.11	BDL	0.05	BDL	0.02	BDL	0.16
4/23/2013 6:03	BDL	0.55	BDL	0.4	BDL	0.54	BDL	0.12	BDL	0.11	BDL	0.03	BDL	0.03	BDL	0.16
4/23/2013 6:08	BDL	0.45	BDL	0.46	BDL	0.53	BDL	0.09	BDL	0.1	BDL	0.05	BDL	0.02	BDL	0.16
4/23/2013 6:13	BDL	0.38	BDL	0.45	BDL	0.54	BDL	0.11	BDL	0.1	BDL	0.07	BDL	0.02	BDL	0.15
4/23/2013 6:18	BDL	0.66	BDL	0.45	BDL	0.58	BDL	0.19	BDL	0.12	BDL	0.09	BDL	0.03	BDL	0.16
4/23/2013 6:23	BDL	0.63	BDL	0.45	BDL	0.57	BDL	0.25	BDL	0.1	BDL	0.06	BDL	0.02	BDL	0.15
4/23/2013 6:28	BDL	0.62	BDL	0.45	BDL	0.55	BDL	0.2	BDL	0.1	BDL	0.11	BDL	0.03	BDL	0.15
4/23/2013 6:48	BDL	0.47	BDL	0.28	BDL	0.48	BDL	0.1	BDL	0.1	BDL	0.06	BDL	0.03	BDL	0.16
4/23/2013 6:53	BDL	0.54	BDL	0.41	BDL	0.45	BDL	0.17	BDL	0.08	BDL	0.05	BDL	0.03	BDL	0.16
4/23/2013 6:58	BDL	0.6	BDL	0.42	BDL	0.48	BDL	0.08	BDL	0.11	BDL	0.05	BDL	0.03	BDL	0.16
4/23/2013 7:03	BDL	0.68	BDL	0.37	BDL	0.5	BDL	0.15	BDL	0.07	BDL	0.07	BDL	0.03	BDL	0.16
4/23/2013 7:08	BDL	0.59	BDL	0.3	BDL	0.53	BDL	0.14	BDL	0.08	BDL	0.06	BDL	0.03	BDL	0.16
4/23/2013 7:13	BDL	0.64	BDL	0.19	BDL	0.51	BDL	0.11	BDL	0.09	BDL	0.06	BDL	0.02	BDL	0.15
4/23/2013 7:18	BDL	0.57	BDL	0.37	BDL	0.49	BDL	0.07	BDL	0.1	BDL	0.06	BDL	0.02	BDL	0.15
4/23/2013 7:23	BDL	0.47	BDL	0.05	BDL	0.42	BDL	0.2	BDL	0.09	BDL	0.05	BDL	0.01	BDL	0.16
4/23/2013 7:28	BDL	0.52	BDL	0.33	BDL	0.48	BDL	0.24	BDL	0.09	BDL	0.04	BDL	0.03	BDL	0.16
4/23/2013 7:33	BDL	0.61	BDL	0.28	BDL	0.5	BDL	0.23	BDL	0.11	BDL	0.06	BDL	0.02	BDL	0.16
4/23/2013 7:38	BDL	0.52	BDL	0.38	BDL	0.53	BDL	0.19	BDL	0.09	BDL	0.05	BDL	0.01	BDL	0.16
4/23/2013 7:43	BDL	0.48	BDL	0.39	BDL	0.48	BDL	0.17	BDL	0.06	BDL	0.06	0.002202	0.05	BDL	0.16
4/23/2013 7:48	BDL	0.52	BDL	0.39	BDL	0.44	BDL	0.14	BDL	0.1	BDL	0.06	0.00778	0.26	BDL	0.15
4/23/2013 7:53	BDL	0.38	BDL	0.3	BDL	0.46	BDL	0.21	BDL	0.09	BDL	0.06	0.010709	0.47	BDL	0.16
4/23/2013 7:58	BDL	0.47	BDL	0.14	BDL	0.44	BDL	0.25	BDL	0.1	BDL	0.06	0.015797	0.65	BDL	0.16
4/23/2013 8:03	BDL	0.41	BDL	0.22	BDL	0.46	BDL	0.24	BDL	0.1	BDL	0.06	0.039236	0.85	BDL	0.16
4/23/2013 8:08	BDL	0.54	BDL	0.38	BDL	0.53	BDL	0.14	BDL	0.1	BDL	0.06	0.090933	0.93	BDL	0.17
4/23/2013 8:13	BDL	0.65	BDL	0.36	BDL	0.53	BDL	0.18	BDL	0.09	BDL	0.07	0.059674	0.87	BDL	0.17
4/23/2013 8:18	BDL	0.49	BDL	0.28	BDL	0.47	BDL	0.14	BDL	0.09	BDL	0.07	0.053671	0.86	BDL	0.16
4/23/2013 8:23	BDL	0.5	BDL	0.31	BDL	0.42	BDL	0.1	BDL	0.1	BDL	0.08	0.096296	0.91	BDL	0.17
4/23/2013 8:28	BDL	0.38	BDL	0.38	BDL	0.27	BDL	0.08	BDL	0.1	BDL	0.08	0.065596	0.85	BDL	0.16
4/23/2013 8:33	BDL	0.37	BDL	0.36	BDL	0.01	BDL	0.14	BDL	0.1	BDL	0.09	0.028241	0.68	BDL	0.15
4/23/2013 8:38	BDL	0.27	BDL	0.26	BDL	0.1	BDL	0.13	BDL	0.11	BDL	0.1	0.056979	0.84	BDL	0.16
4/23/2013 8:43	BDL	0.37	BDL	0.17	BDL	0.34	BDL	0.23	BDL	0.1	BDL	0.08	0.050665	0.82	BDL	0.16
4/23/2013 8:48	BDL	0.29	BDL	0.29	BDL	0.16	BDL	0.14	BDL	0.09	BDL	0.08	0.690755	0.97	BDL	0.21
4/23/2013 8:54	BDL	0.57	BDL	0.43	BDL	0.54	BDL	0.02	BDL	0.09	BDL	0.09	1.093887	0.97	BDL	0.24

Sample Date/Time	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
Maximum:	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/22/2013 21:45	BDL	0.28	BDL	0.1	BDL	0.35	BDL	0.32	BDL	0.28	BDL	0.3	BDL	0.12	BDL	0.55	BDL	0.17
4/22/2013 21:50	BDL	0.34	BDL	0.15	BDL	0.43	BDL	0.22	BDL	0.17	BDL	0.32	BDL	0.01	BDL	0.69	BDL	0.15
4/22/2013 21:56	BDL	0.36	BDL	0.18	BDL	0.28	BDL	0.26	BDL	0.13	BDL	0.4	BDL	0.05	BDL	0.58	BDL	0.35
4/22/2013 22:01	BDL	0.3	BDL	0.19	BDL	0.29	BDL	0.4	BDL	0.15	BDL	0.36	BDL	0.02	BDL	0.54	BDL	0.37
4/22/2013 22:06	BDL	0.32	BDL	0.22	BDL	0.27	BDL	0.28	BDL	0.23	BDL	0.42	BDL	0.17	BDL	0.48	BDL	0.32
4/22/2013 22:11	BDL	0.21	BDL	0.28	BDL	0.27	BDL	0.19	BDL	0.21	BDL	0.44	BDL	0.11	BDL	0.31	BDL	0.14
4/22/2013 22:16	BDL	0.27	BDL	0.23	BDL	0.18	BDL	0.21	BDL	0.14	BDL	0.35	BDL	0.16	BDL	0.31	BDL	0.2
4/22/2013 22:21	BDL	0.35	BDL	0.26	BDL	0.26	BDL	0.15	BDL	0.03	BDL	0.27	BDL	0.34	BDL	0.42	BDL	0.31
4/22/2013 22:26	BDL	0.42	BDL	0.37	BDL	0.36	BDL	0.16	BDL	0.06	BDL	0.13	BDL	0.49	BDL	0.38	BDL	0.3
4/22/2013 22:31	BDL	0.41	BDL	0.27	BDL	0.29	BDL	0.11	BDL	0.07	BDL	0.33	BDL	0.49	BDL	0.37	BDL	0.35
4/22/2013 22:36	BDL	0.46	BDL	0.43	BDL	0.36	BDL	0.19	BDL	0.09	BDL	0.12	BDL	0.58	BDL	0.41	BDL	0.22
4/22/2013 22:41	BDL	0.48	BDL	0.35	BDL	0.32	BDL	0.14	BDL	0.02	BDL	0.21	BDL	0.62	BDL	0.6	BDL	0.35
4/22/2013 22:46	BDL	0.4	BDL	0.43	BDL	0.27	BDL	0.13	BDL	0.05	BDL	0.27	BDL	0.63	BDL	0.44	BDL	0.18
4/22/2013 22:51	BDL	0.43	BDL	0.3	BDL	0.17	BDL	0.26	BDL	0.04	BDL	0.32	BDL	0.58	BDL	0.6	BDL	0.31
4/22/2013 22:56	BDL	0.37	BDL	0.23	BDL	0.09	BDL	0.16	BDL	0.08	BDL	0.1	BDL	0.33	BDL	0.53	BDL	0.15
4/22/2013 23:01	BDL	0.11	BDL	0.1	BDL	0.14	BDL	0.11	BDL	0.13	BDL	0.27	BDL	0.03	BDL	0.55	BDL	0.3
4/22/2013 23:06	BDL	0.06	BDL	0.16	BDL	0.08	BDL	0.09	BDL	0.17	BDL	0.17	BDL	0.3	BDL	0.44	BDL	0.05
4/22/2013 23:11	BDL	0.15	BDL	0.09	BDL	0.03	BDL	0.07	BDL	0.18	BDL	0.23	BDL	0.32	BDL	0.31	BDL	0.07
4/22/2013 23:16	BDL	0.1	BDL	0.04	BDL	0.14	BDL	0.17	BDL	0.15	BDL	0.09	BDL	0	BDL	0.36	BDL	0.29
4/22/2013 23:21	BDL	0	BDL	0	BDL	0	BDL	0	BDL	0	BDL	0	BDL	0	BDL	0	BDL	0
4/22/2013 23:26	BDL	0.28	BDL	0.2	BDL	0.26	BDL	0.08	BDL	0.1	BDL	0.18	BDL	0.61	BDL	0.53	BDL	0.21
4/22/2013 23:31	BDL	0.47	BDL	0.26	BDL	0.3	BDL	0.08	BDL	0.22	BDL	0.14	BDL	0.59	BDL	0.53	BDL	0.1
4/22/2013 23:36	BDL	0.57	BDL	0.66	BDL	0.22	BDL	0.07	BDL	0.11	BDL	0.13	BDL	0.69	BDL	0.41	BDL	0.27
4/22/2013 23:41	BDL	0.56	BDL	0.64	BDL	0.31	BDL	0.25	BDL	0.17	BDL	0.12	BDL	0.44	BDL	0.22	BDL	0.33
4/22/2013 23:46	BDL	0.55	BDL	0.62	BDL	0.29	BDL	0.18	BDL	0.28	BDL	0.11	BDL	0.43	BDL	0.37	BDL	0.32
4/22/2013 23:51	BDL	0.56	BDL	0.69	BDL	0.29	BDL	0.25	BDL	0.06	BDL	0.08	BDL	0.47	BDL	0.33	BDL	0.4
4/22/2013 23:56	BDL	0.55	BDL	0.62	BDL	0.31	BDL	0.15	BDL	0.21	BDL	0.07	BDL	0.29	BDL	0.31	BDL	0.35
4/23/2013 0:01	BDL	0.54	BDL	0.59	BDL	0.29	BDL	0.26	BDL	0.1	BDL	0.04	BDL	0.19	BDL	0.4	BDL	0.35
4/23/2013 0:06	BDL	0.54	BDL	0.46	BDL	0.24	BDL	0.32	BDL	0.05	BDL	0.04	BDL	0.02	BDL	0.22	BDL	0.39
4/23/2013 0:11	BDL	0.54	BDL	0.32	BDL	0.36	BDL	0.29	BDL	0.02	BDL	0.26	BDL	0.87	BDL	0.61	BDL	0.25
4/23/2013 0:16	BDL	0.49	BDL	0.35	BDL	0.51	BDL	0.12	BDL	0.1	BDL	0.35	BDL	0.81	BDL	0.32	BDL	0.27
4/23/2013 0:21	BDL	0.5	BDL	0.56	BDL	0.39	BDL	0.02	BDL	0.02	BDL	0.11	BDL	0.03	BDL	0.34	BDL	0.36
4/23/2013 0:26	BDL	0.54	BDL	0.71	BDL	0.33	BDL	0.13	BDL	0.1	BDL	0.11	BDL	0.33	BDL	0.34	BDL	0.34
4/23/2013 0:31	BDL	0.54	BDL	0.69	BDL	0.31	BDL	0.22	BDL	0.17	BDL	0.14	BDL	0.23	BDL	0.56	BDL	0.3
4/23/2013 0:36	BDL	0.53	BDL	0.73	BDL	0.32	BDL	0.3	BDL	0.35	BDL	0.1	BDL	0.34	BDL	0.77	BDL	0.34
4/23/2013 0:41	BDL	0.54	BDL	0.74	BDL	0.28	BDL	0.1	BDL	0.05	BDL	0.09	BDL	0.37	BDL	0.46	BDL	0.4
4/23/2013 0:46	BDL	0.53	BDL	0.68	BDL	0.27	BDL	0.39	BDL	0.32	BDL	0.08	BDL	0.21	BDL	0.53	BDL	0.45
4/23/2013 0:51	BDL	0.5	BDL	0.52	BDL	0.28	BDL	0.47	BDL	0.32	BDL	0.07	BDL	0.14	BDL	0.47	BDL	0.42
4/23/2013 0:56	BDL	0.43	BDL	0.38	BDL	0.4	BDL	0.25	BDL	0.14	BDL	0.34	BDL	0.78	BDL	0.65	BDL	0.23
4/23/2013 1:01	BDL	0.37	BDL	0.46	BDL	0.41	BDL	0.16	BDL	0.02	BDL	0.17	BDL	0.76	BDL	0.2	BDL	0.41
4/23/2013 1:06	BDL	0.47	BDL	0.65	BDL	0.39	BDL	0.2	BDL	0.14	BDL	0.14	BDL	0.08	BDL	0.4	BDL	0.39
4/23/2013 1:11	BDL	0.52	BDL	0.68	BDL	0.33	BDL	0.28	BDL	0.09	BDL	0.09	BDL	0.05	BDL	0.58	BDL	0.33
4/23/2013 1:17	BDL	0.48	BDL	0.65	BDL	0.35	BDL	0.46	BDL	0.17	BDL	0.05	BDL	0.04	BDL	0.73	BDL	0.3
4/23/2013 1:22	BDL	0.49	BDL	0.68	BDL	0.32	BDL	0.5	BDL	0.33	BDL	0.05	BDL	0.02	BDL	0.43	BDL	0.32
4/23/2013 1:27	BDL	0.49	BDL	0.63	BDL	0.32	BDL	0.59	BDL	0.21	BDL	0.03	BDL	0.1	BDL	0.62	BDL	0.33
4/23/2013 1:32	BDL	0.51	BDL	0.65	BDL	0.31	BDL	0.47	BDL	0.06	BDL	0.04	BDL	0.02	BDL	0.34	BDL	0.38
4/23/2013 1:37	BDL	0.5	BDL	0.55	BDL	0.25	BDL	0.56	BDL	0.15	BDL	0.04	BDL	0.55	BDL	0.54	BDL	0.37
4/23/2013 1:42	BDL	0.37	BDL	0.41	BDL	0.38	BDL	0.49	BDL	0.04	BDL	0.06	BDL	0.95	BDL	0.36	BDL	0.23
4/23/2013 1:47	BDL	0.45	BDL	0.54	BDL	0.33	BDL	0.42	BDL	0.04	BDL	0.02	BDL	0.89	BDL	0.18	BDL	0.4
4/23/2013 1:52	BDL	0.51	BDL	0.63	BDL	0.31	BDL	0.49	BDL	0.14	BDL	0.06	BDL	0.62	BDL	0.51	BDL	0.28
4/23/2013 1:57	BDL	0.49	BDL	0.63	BDL	0.34	BDL	0.54	BDL	0.16	BDL	0.04	BDL	0.56	BDL	0.45	BDL	0.27
4/23/2013 2:02	BDL	0.51	BDL	0.67	BDL	0.32	BDL	0.52	BDL	0.12	BDL	0.06	BDL	0.12	BDL	0.5	BDL	0.32
4/23/2013 2:07	BDL	0.5	BDL	0.65	BDL	0.29	BDL	0.62	BDL	0.09	BDL	0.05	BDL	0.61	BDL	0.43	BDL	0.33
4/23/2013 2:12	BDL	0.49	BDL	0.55	BDL	0.34	BDL	0.56	BDL	0.03	BDL	0.05	BDL	0.8	BDL	0.33	BDL	0.31
4/23/2013 2:17	BDL	0.5	BDL	0.54	BDL	0.29	BDL	0.56	BDL	0.02	BDL	0.01	BDL	0.85	BDL	0.48	BDL	0.3
4/23/2013 2:22	BDL	0.46	BDL	0.42	BDL	0.33	BDL	0.53	BDL	0.04	BDL	0.04	BDL	0.94	BDL	0.49	BDL	0.3
4/23/2013 2:27	BDL	0.43	BDL	0.42	BDL	0.26	BDL	0.56	BDL	0.12	BDL	0.04	BDL	0.96	BDL	0.49	BDL	0.24
4/23/2013 2:32	BDL	0.44	BDL	0.38	BDL	0.23	BDL	0.46	BDL	0.06	BDL	0.05	BDL	0.96	BDL	0.53	BDL	0.19
4/23/2013 2:37	BDL	0.4	BDL	0.32	BDL	0.16	BDL	0.49	BDL	0.03	BDL	0.06	BDL	0.97	BDL	0.45	BDL	0.08
4/23/2013 2:42	BDL	0.4	BDL	0.33	BDL	0.09	BDL	0.57	BDL	0.06	BDL	0.06	BDL	0.98	BDL	0.45	BDL	0.07
4/23/2013 2:47	BDL	0.37	BDL	0.26	BDL	0.01	BDL	0.41	BDL	0.04	BDL	0.09	BDL	0.99	BDL	0.4	BDL	0.06
4/23/2013 2:52	BDL	0.19	BDL	0.2	BDL	0.03	BDL	0.45	BDL	0.02	BDL	0.16	BDL	0.99	BDL	0.46	BDL	0.1
4/23/2013 2:57	BDL	0.28	BDL	0.23	BDL	0.03	BDL	0.43	BDL	0.02	BDL	0.12	BDL	0.98	BDL	0.44	BDL	0.12
4/23/2013 3:02	BDL	0.2	BDL	0.2	BDL	0.04	BDL	0.44	BDL	0.02	BDL	0.15	BDL	0.99	BDL	0.38	BDL	0.21
4/23/2013 3:07	BDL	0.15	BDL	0.2	BDL	0.11	BDL	0.41	BDL	0.02	BDL	0.19	BDL	0.99	BDL	0.41	BDL	0.24
4/23/2013 3:12	BDL	0	BDL	0.17	BDL	0.2	BDL	0.39	BDL	0.02	BDL	0.18	BDL	0.99	BDL	0.45	BDL	0.24
4/23/2013 3:17	BDL	0.05	BDL	0.16	BDL	0.24	BDL	0.33	BDL	0.01	BDL	0.26	BDL	0.99	BDL	0.31	BDL	0.28
4/23/2013 3:22	BDL	0.29	BDL	0.16	BDL	0.22	BDL	0.36	BDL	0.02	BDL	0.49	BDL	0.99	BDL	0.36	BDL	0.28
4/23/2013 3:27	BDL	0.31	BDL	0.15	BDL	0.25	BDL	0.38	BDL	0.03	BDL	0.31	BDL	0.99	BDL	0.46	BDL	0.29
4/23/2013 3:32	BDL	0.37	BDL	0.16	BDL	0.27	BDL	0.36	BDL	0.06	BDL	0.33	BDL	0.99	BDL	0.42	BDL	0.34
4/23/2013 3:37	BDL	0.44	BDL	0.15	BDL	0.27	BDL	0.3	BDL	0.02	BDL	0.48	BDL	0.99	BDL	0.41	BDL	0.31
4/23/2013 3:42	BDL	0.23	BDL	0.19	BDL	0.33	BDL	0.31	BDL	0.04	BDL	0.26	BDL	0.99	BDL	0.37	BDL	0.3
4/23/2013 3:47	BDL	0	BDL	0.17	BDL	0.37	BDL	0.4	BDL	0.01	BDL	0.45	BDL	0.99	BDL	0.34	BDL	0.3
4/23/2013 3:52	BDL	0.05	BDL	0.18	BDL	0.39	BDL	0.35	BDL	0.01	BDL	0.27	BDL	0.99	BDL	0.37	BDL	0.24
4/23/2013 3:57	BDL	0.01	BDL	0.17	BDL	0.33	BDL	0.33	BDL	0.02	BDL	0.37	BDL	0.99	BDL	0.33	BDL	0.32
4/23/2013 4:02	BDL	0.19	BDL	0.17	BDL	0.39	BDL	0.34	BDL	0.03	BDL	0.52	BDL	0.99	BDL	0.35	BDL	0.28
4/23/2013 4:07	BDL	0.28	BDL	0.19	BDL	0.34	BDL	0.3	BDL	0.02	BDL	0.57	BDL	0.99	BDL	0.45	BDL	0.33
4/23/2013 4:12	BDL	0.1	BDL	0.2	BDL	0.27	BDL	0.33	BDL	0.03	BDL	0.28	BDL	0.99	BDL	0.39	BDL	0.36
4/23/2013 4:17	BDL	0.63	BDL	0.05	BDL	0.26	BDL	0.29	BDL	0.04	BDL	0.43	BDL	0.94	BDL	0.31	BDL	0.32
4/23/2013 4:22	BDL	0.61	BDL	0.24	BDL	0.24	BDL	0.25	BDL	0.06	BDL	0.42	BDL	0.95	BDL	0.34	BDL	0.3
4/23/2013 4:27	BDL	0.64	BDL	0.25	BDL	0.22	BDL	0.34	BDL	0.07	BDL	0.49	BDL	0.97	BDL	0.38	BDL	0.3
4/23/2013 4:33	BDL	0.64	BDL	0.33	BDL	0.21	BDL	0.36	BDL	0.04	BDL	0.43	BDL	0.97	BDL	0.37	BDL	0.32
4/23/2013 4:38	BDL	0.65	BDL	0.31	BDL	0.23	BDL	0.36	BDL	0.05	BDL	0.39	BDL	0.98	BDL	0.52	BDL	0.31
4/23/2013 4:43	BDL	0.67	BDL	0.29	BDL	0.26	BDL	0.37	BDL	0.03	BDL	0.37	BDL	0.98	BDL	0.44	BDL	0.28
4/23/2013 4:48	BDL	0.6	BDL	0.24	BDL	0.27	BDL	0.4	BDL	0.09	BDL	0.43	BDL	0.98	BDL	0.3	BDL	0.3
4/23/2013 4:53	BDL	0.52	BDL	0.32	BDL	0.29	BDL	0.35	BDL	0.08	BDL	0.44	BDL	0.98	BDL	0.22	BDL	0.23
4/23/2013 4:58	BDL	0.37	BDL	0.34	BDL	0.29	BDL	0.39	BDL	0.15	BDL	0.49	BDL	0.99	BDL	0.34	BDL	0.28
4/23/2013 5:03	BDL	0.53	BDL	0.29	BDL	0.25	BDL	0.32	BDL	0.04	BDL	0.64	BDL	0.98	BDL	0.48	BDL	0.27
4/23/2013 5:08	BDL	0.61	BDL	0.16	BDL	0.23	BDL	0.31	BDL	0.04	BDL	0.33	BDL	0.88	BDL	0.45	BDL	0.35
4/23/2013 5:13	BDL	0.66	BDL	0.12	BDL	0.2	BDL	0.29	BDL	0.02	BDL	0.5	BDL	0.92	BDL	0.5	BDL	0.38
4/23/2013 5:18	BDL	0.67	BDL	0.26	BDL	0.21	BDL	0.38	BDL	0.06	BDL	0.49	BDL	0.94	BDL	0.42	BDL	0.34
4/23/2013 5:23	BDL	0.51	BDL	0.36	BDL	0.25	BDL	0.39	BDL	0.12	BDL	0.57	BDL	0.96	BDL	0.25	BDL	0.31
4/23/2013 5:28	BDL	0.03	BDL	0.47	BDL	0.22	BDL	0.48	BDL	0.03	BDL	0.3	BDL	0.98	BDL	0.37	BDL	0.34
4/23/2013 5:33	BDL	0.45	BDL	0.31	BDL	0.25	BDL	0.46	BDL	0.04	BDL	0.51	BDL	0.97	BDL	0.26	BDL	0.31
4/23/2013 5:38	BDL	0.62	BDL	0.03	BDL	0.24	BDL	0.39	BDL	0.03	BDL	0.37	BDL	0.9	BDL	0.62	BDL	0.36
4/23/2013 5:43	BDL	0.65	BDL	0.14	BDL	0.22	BDL	0.26	BDL	0.05	BDL	0.4	BDL	0.9	BDL	0.35	BDL	0.39
4/23/2013 5:48	BDL	0.56	BDL	0.41	BDL	0.23	BDL	0.31	BDL	0.05	BDL	0.42	BDL	0.94	BDL	0.31	BDL	0.33
4/23/2013 5:53	BDL	0.62	BDL	0.25	BDL	0.26	BDL	0.46	BDL	0.07	BDL	0.54	BDL	0.93	BDL	0.38	BDL	0.31
4/23/2013 5:58	BDL	0.64	BDL	0.25	BDL	0.27	BDL	0.41	BDL	0.11	BDL	0.59	BDL	0.93	BDL	0.3	BDL	0.32
4/23/2013 6:03	BDL	0.62	BDL	0.22	BDL	0.24	BDL	0.4	BDL	0.07	BDL	0.65	BDL	0.93	BDL	0.38	BDL	0.31
4/23/2013 6:08	BDL	0.63	BDL	0.06	BDL	0.25	BDL	0.36	BDL	0.02	BDL	0.46	BDL	0.9	BDL	0.33	BDL	0.35
4/23/2013 6:13	BDL	0.61	BDL	0.09	BDL	0.23	BDL	0.27	BDL	0.02	BDL	0.32	BDL	0.86	BDL	0.64	BDL	0.36
4/23/2013 6:18	BDL	0.66	BDL	0.16	BDL	0.22	BDL	0.25	BDL	0.06	BDL	0.49	BDL	0.89	BDL	0.4	BDL	0.35
4/23/2013 6:23	BDL	0.66	BDL	0.15	BDL	0.25	BDL	0.33	BDL	0.14	BDL	0.46	BDL	0.89	BDL	0.41	BDL	0.31
4/23/2013 6:28	BDL	0.66	BDL	0.12	BDL	0.26	BDL	0.38	BDL	0.13	BDL	0.48	BDL	0.9	BDL	0.37	BDL	0.32
4/23/2013 6:48	BDL	0.67	BDL	0.12	BDL	0.26	BDL	0.27	BDL	0.2	BDL	0.51	BDL	0.85	BDL	0.52	BDL	0.36
4/23/2013 6:53	BDL	0.24	BDL	0.3	BDL	0.31	BDL	0.3	BDL	0.16	BDL	0.35	BDL	0.89	BDL	0.45	BDL	0.31
4/23/2013 6:58	BDL	0.03	BDL	0.32	BDL	0.32	BDL	0.31	BDL	0.06	BDL	0.28	BDL	0.91	BDL	0.44	BDL	0.32
4/23/2013 7:03	BDL	0.25	BDL	0.22	BDL	0.32	BDL	0.34	BDL	0.06	BDL	0.43	BDL	0.91	BDL	0.44	BDL	0.33
4/23/2013 7:08	BDL	0.45	0.005609	0.17	BDL	0.29	BDL	0.34	BDL	0.04	BDL	0.46	BDL	0.91	BDL	0.44	BDL	0.31
4/23/2013 7:13	BDL	0.64	0.0048	0.08	BDL	0.28	BDL	0.28	BDL	0.03	BDL	0.49	BDL	0.89	BDL	0.43	BDL	0.39
4/23/2013 7:18	BDL	0.63	0.003684	0.05	BDL	0.24	BDL	0.27	BDL	0.07	BDL	0.45	BDL	0.84	BDL	0.36	BDL	0.36
4/23/2013 7:23	BDL	0.69	0.006	0.22	BDL	0.28	BDL	0.29	BDL	0.21	BDL	0.57	BDL	0.87	BDL	0.51	BDL	0.37
4/23/2013 7:28	BDL	0.51	0.007189	0.27	BDL	0.3	BDL	0.36	BDL	0.21	BDL	0.58	BDL	0.89	BDL	0.53	BDL	0.37
4/23/2013 7:33	BDL	0.55	0.007117	0.23	BDL	0.31	BDL	0.34	BDL	0.06	BDL	0.61	BDL	0.89	BDL	0.54	BDL	0.34
4/23/2013 7:38	BDL	0.29	0.007483	0.25	BDL	0.3	BDL	0.35	BDL	0.04	BDL	0.51	BDL	0.89	BDL	0.38	BDL	0.34
4/23/2013 7:43	BDL	0.3	0.00805	0.27	BDL	0.3	BDL	0.32	BDL	0.03	BDL	0.45	BDL	0.9	BDL	0.57	BDL	0.35
4/23/2013 7:48	BDL	0.61	0.004431	0.05	BDL	0.26	BDL	0.24	BDL	0.02	BDL	0.41	BDL	0.82	BDL	0.48	BDL	0.38
4/23/2013 7:53	BDL	0.67	0.005713	0.15	BDL	0.27	BDL	0.28	BDL	0.17	BDL	0.57	BDL	0.82	BDL	0.54	BDL	0.36
4/23/2013 7:58	BDL	0.69	0.006953	0.21	BDL	0.31	BDL	0.32	BDL	0.2	BDL	0.56	BDL	0.83	BDL	0.59	BDL	0.34
4/23/2013 8:03	BDL	0.66	0.006847	0.17	BDL	0.29	BDL	0.27	BDL	0.19	BDL	0.65	BDL	0.81	BDL	0.52	BDL	0.36
4/23/2013 8:08	BDL	0.62	0.005089	0.05	BDL	0.28	BDL	0.23	BDL	0.11	BDL	0.43	BDL	0.8	BDL	0.35	BDL	0.35
4/23/2013 8:13	BDL	0.65	0.006452	0.08	BDL	0.28	BDL	0.26	BDL	0.02	BDL	0.45	BDL	0.79	BDL	0.31	BDL	0.36
4/23/2013 8:18	BDL	0.65	0.006338	0.12	BDL	0.27	BDL	0.24	BDL	0.04	BDL	0.48	BDL	0.79	BDL	0.27	BDL	0.4
4/23/2013 8:23	BDL	0.64	0.006896	0.13	BDL	0.26	BDL	0.19	BDL	0.22	BDL	0.47	BDL	0.75	BDL	0.26	BDL	0.41
4/23/2013 8:28	BDL	0.61	0.007028	0.07	BDL	0.26	BDL	0.17	BDL	0.09	BDL	0.36	BDL	0.71	BDL	0.35	BDL	0.37
4/23/2013 8:33	BDL	0.62	0.008601	0.16	BDL	0.25	BDL	0.19	BDL	0.22	BDL	0.37	BDL	0.63	BDL	0.39	BDL	0.35
4/23/2013 8:38	BDL	0.64	0.011192	0.24	BDL	0.25	BDL	0.25	BDL	0.11	BDL	0.54	BDL	0.58	BDL	0.65	BDL	0.37
4/23/2013 8:43	BDL	0.62	0.015137	0.32	BDL	0.29	BDL	0.36	BDL	0.1	BDL	0.66	BDL	0.43	BDL	0.41	BDL	0.38
4/23/2013 8:48	BDL	0.62	0.019237	0.27	BDL	0.31	BDL	0.25	BDL	0.1	BDL	0.51	BDL	0.49	BDL	0.43	BDL	0.31
4/23/2013 8:54	BDL	0.59	0.009573	0.07	BDL	0.26	BDL	0.2	BDL	0.31	BDL	0.29	BDL	0.78	BDL	0.53	BDL	0.33

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Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	Nitric Oxide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
							Maximums:	0	0.6	0	0.57	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026373	0.78	0	0.71	0	0.52	0	0.82	0.162574	0.92	0	0.59	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/23/2013 8:59	Titan2	27	100	125	2389	10857.91	Titan1-164	BDL	0.22	BDL	0.24	BDL	0.34	BDL	0.15	BDL	0.2	BDL	0.41	BDL	0.43	BDL	0.58	BDL	0.04	BDL	0.09	BDL	0.08	0.926017	0.97	BDL	0.24	BDL	0.58	BDL	0.07	BDL	0.27	BDL	0.15	BDL	0.02	BDL	0.28	BDL	0.84	BDL	0.53	BDL	0.32
4/23/2013 9:04	Titan2	28	100	125	2378	9118.78	Titan1-164	BDL	0.2	BDL	0.3	BDL	0.36	BDL	0.16	BDL	0.2	BDL	0.39	BDL	0.43	BDL	0.59	BDL	0.07	BDL	0.09	BDL	0.07	0.869422	0.97	BDL	0.23	BDL	0.57	BDL	0.15	BDL	0.26	BDL	0.16	BDL	0.02	BDL	0.27	BDL	0.86	BDL	0.49	BDL	0.35
4/23/2013 9:09	Titan2	29	100	125	2381	6314.235	Titan1-164	BDL	0.2	BDL	0.33	BDL	0.34	BDL	0.16	BDL	0.2	BDL	0.31	BDL	0.43	BDL	0.56	BDL	0.09	BDL	0.09	BDL	0.07	0.853946	0.97	BDL	0.22	BDL	0.57	BDL	0.18	BDL	0.26	BDL	0.17	BDL	0.02	BDL	0.27	BDL	0.87	BDL	0.48	BDL	0.32
4/23/2013 9:14	Titan2	30	100	125	2374	8322.421	Titan1-164	BDL	0.2	BDL	0.38	BDL	0.33	BDL	0.16	BDL	0.1	BDL	0.39	BDL	0.43	BDL	0.54	BDL	0.11	BDL	0.08	BDL	0.07	0.820328	0.97	BDL	0.22	BDL	0.58	BDL	0.47	BDL	0.25	BDL	0.16	BDL	0.07	BDL	0.23	BDL	0.87	BDL	0.71	BDL	0.36
4/23/2013 9:19	Titan2	31	100	125	2387	9003.482	Titan1-164	BDL	0.2	BDL	0.39	BDL	0.34	BDL	0.16	BDL	0.2	BDL	0.31	BDL	0.42	BDL	0.52	BDL	0.11	BDL	0.08	BDL	0.06	0.620739	0.97	BDL	0.2	BDL	0.59	BDL	0.28	BDL	0.26	BDL	0.15	BDL	0.07	BDL	0.27	BDL	0.87	BDL	0.58	BDL	0.36
4/23/2013 9:24	Titan2	32	100	125	2384	7871.501	Titan1-164	BDL	0.2	BDL	0.34	BDL	0.34	BDL	0.16	BDL	0.2	BDL	0.31	BDL	0.42	BDL	0.54	BDL	0.1	BDL	0.08	BDL	0.05	0.769024	0.97	BDL	0.21	BDL	0.58	BDL	0.24	BDL	0.26	BDL	0.17	BDL	0.05	BDL	0.26	BDL	0.86	BDL	0.45	BDL	0.35
4/23/2013 9:29	Titan2	33	100	125	2387	8286.065	Titan1-164	BDL	0.21	BDL	0.36	BDL	0.33	BDL	0.15	BDL	0.1	BDL	0.5	BDL	0.41	BDL	0.53	BDL	0.1	BDL	0.09	BDL	0.06	0.873255	0.97	BDL	0.22	BDL	0.58	BDL	0.42	BDL	0.25	BDL	0.2	BDL	0.12	BDL	0.28	BDL	0.85	BDL	0.59	BDL	0.35
4/23/2013 9:34	Titan2	34	100	125	2388	8532.957	Titan1-164	BDL	0.2	BDL	0.37	BDL	0.33	BDL	0.15	BDL	0.1	BDL	0.58	BDL	0.42	BDL	0.52	BDL	0.11	BDL	0.09	BDL	0.06	0.972966	0.97	BDL	0.21	BDL	0.56	BDL	0.59	BDL	0.25	BDL	0.19	BDL	0.02	BDL	0.26	BDL	0.86	BDL	0.62	BDL	0.35
4/23/2013 9:39	Titan2	35	100	125	2365	9288.605	Titan1-164	BDL	0.2	BDL	0.4	BDL	0.34	BDL	0.16	BDL	0.1	BDL	0.57	BDL	0.43	BDL	0.52	BDL	0.12	BDL	0.09	BDL	0.06	0.813126	0.97	BDL	0.21	BDL	0.57	BDL	0.55	BDL	0.25	BDL	0.16	BDL	0.08	BDL	0.24	BDL	0.86	BDL	0.51	BDL	0.36
4/23/2013 9:44	Titan2	36	100	125	2369	7824.227	Titan1-164	BDL	0.19	BDL	0.37	BDL	0.33	BDL	0.14	BDL	0.1	BDL	0.62	BDL	0.42	BDL	0.51	BDL	0.11	BDL	0.09	BDL	0.06	1.081692	0.97	BDL	0.22	BDL	0.57	BDL	0.51	BDL	0.26	BDL	0.2	BDL	0.03	BDL	0.22	BDL	0.87	BDL	0.67	BDL	0.36
4/23/2013 9:49	Titan2	37	100	125	2395	9025.889	Titan1-164	BDL	0.19	BDL	0.38	BDL	0.33	BDL	0.14	BDL	0.1	BDL	0.64	BDL	0.42	BDL	0.52	BDL	0.09	BDL	0.09	BDL	0.06	1.165352	0.97	BDL	0.23	BDL	0.57	BDL	0.47	BDL	0.25	BDL	0.18	BDL	0.01	BDL	0.24	BDL	0.87	BDL	0.68	BDL	0.35
4/23/2013 9:54	Titan2	38	100	125	2383	8961.671	Titan1-164	BDL	0.19	BDL	0.39	BDL	0.33	BDL	0.11	BDL	0.1	BDL	0.66	BDL	0.41	BDL	0.5	BDL	0.12	BDL	0.09	BDL	0.06	1.176569	0.97	BDL	0.23	BDL	0.57	BDL	0.46	BDL	0.25	BDL	0.19	BDL	0.03	BDL	0.26	BDL	0.87	BDL	0.62	BDL	0.36
4/23/2013 9:59	Titan2	39	100	125	2386	8986.259	Titan1-164	BDL	0.19	BDL	0.37	BDL	0.34	BDL	0.1	BDL	0.2	BDL	0.4	BDL	0.42	BDL	0.48	BDL	0.18	BDL	0.09	BDL	0.05	0.545114	0.97	BDL	0.19	BDL	0.58	BDL	0.48	BDL	0.25	BDL	0.21	BDL	0.04	BDL	0.23	BDL	0.87	BDL	0.69	BDL	0.37
4/23/2013 10:04	Titan2	40	100	125	2382	6936.533	Titan1-164	BDL	0.2	BDL	0.42	BDL	0.33	BDL	0.11	BDL	0.1	BDL	0.68	BDL	0.41	BDL	0.55	BDL	0.15	BDL	0.09	BDL	0.06	1.089056	0.98	BDL	0.22	BDL	0.58	BDL	0.48	BDL	0.25	BDL	0.18	BDL	0.02	BDL	0.24	BDL	0.87	BDL	0.7	BDL	0.35
4/23/2013 10:09	Titan2	41	100	125	2372	8276.689	Titan1-164	BDL	0.2	BDL	0.45	BDL	0.33	BDL	0.09	BDL	0.1	BDL	0.53	BDL	0.42	BDL	0.52	BDL	0.14	BDL	0.09	BDL	0.06	0.991221	0.98	BDL	0.22	BDL	0.58	BDL	0.52	BDL	0.25	BDL	0.19	BDL	0.04	BDL	0.23	BDL	0.87	BDL	0.79	BDL	0.36
4/23/2013 10:14	Titan2	42	100	125	2383	8755.128	Titan1-164	BDL	0.2	BDL	0.43	BDL	0.33	BDL	0.08	BDL	0.1	BDL	0.63	BDL	0.41	BDL	0.52	BDL	0.14	BDL	0.09	BDL	0.06	1.105346	0.98	BDL	0.23	BDL	0.58	BDL	0.47	BDL	0.25	BDL	0.2	BDL	0.03	BDL	0.25	BDL	0.86	BDL	0.63	BDL	0.35
4/23/2013 10:19	Titan2	43	100	125	2379	8674.242	Titan1-164	BDL	0.2	BDL	0.48	BDL	0.33	BDL	0.09	BDL	0.2	BDL	0.39	BDL	0.4	BDL	0.52	BDL	0.2	BDL	0.1	BDL	0.06	0.865782	0.98	BDL	0.21	BDL	0.58	BDL	0.5	BDL	0.25	BDL	0.23	BDL	0.03	BDL	0.23	BDL	0.86	BDL	0.67	BDL	0.36
4/23/2013 10:24	Titan2	44	100	125	2386	8420.793	Titan1-164	BDL	0.2	BDL	0.51	BDL	0.33	BDL	0.06	BDL	0.1	BDL	0.47	BDL	0.4	BDL	0.5	BDL	0.23	BDL	0.1	BDL	0.06	0.86041	0.97	BDL	0.22	BDL	0.58	BDL	0.55	BDL	0.25	BDL	0.22	BDL	0.02	BDL	0.26	BDL	0.86	BDL	0.67	BDL	0.35
4/23/2013 10:29	Titan2	45	100	125	2376	7224.38	Titan1-164	BDL	0.2	BDL	0.48	BDL	0.33	BDL	0.09	BDL	0.1	BDL	0.43	BDL	0.41	BDL	0.54	BDL	0.18	BDL	0.1	BDL	0.06	1.075589	0.98	BDL	0.23	BDL	0.57	BDL	0.5	BDL	0.25	BDL	0.22	BDL	0.03	BDL	0.22	BDL	0.86	BDL	0.79	BDL	0.35
4/23/2013 10:34	Titan2	46	100	125	2344	7406.978	Titan1-164	BDL	0.2	BDL	0.5	BDL	0.33	BDL	0.07	BDL	0.1	BDL	0.48	BDL	0.42	BDL	0.53	BDL	0.22	BDL	0.1	BDL	0.07	0.989115	0.98	BDL	0.22	BDL	0.57	BDL	0.57	BDL	0.24	BDL	0.22	BDL	0.03	BDL	0.23	BDL	0.86	BDL	0.75	BDL	0.35
4/23/2013 10:39	Titan2	47	100	125	2349	6192.093	Titan1-164	BDL	0.21	BDL	0.5	BDL	0.33	BDL	0.08	BDL	0.1	BDL	0.51	BDL	0.41	BDL	0.55	BDL	0.17	BDL	0.1	BDL	0.07	1.027637	0.98	BDL	0.22	BDL	0.57	BDL	0.62	BDL	0.25	BDL	0.19	BDL	0.02	BDL	0.2	BDL	0.85	BDL	0.79	BDL	0.34
4/23/2013 10:44	Titan2	48	100	125	2344	7432.152	Titan1-164	BDL	0.2	BDL	0.53	BDL	0.33	BDL	0.08	BDL	0.1	BDL	0.32	BDL	0.42	BDL	0.53	BDL	0.24	BDL	0.1	BDL	0.06	0.887767	0.98	BDL	0.22	BDL	0.57	BDL	0.6	BDL	0.25	BDL	0.2	BDL	0.03	BDL	0.21	BDL	0.85	BDL	0.58	BDL	0.37
4/23/2013 10:49	Titan2	49	100	125	2341	8443.521	Titan1-164	BDL	0.21	BDL	0.49	BDL	0.33	BDL	0.07	BDL	0.1	BDL	0.35	BDL	0.41	BDL	0.54	BDL	0.21	BDL	0.09	BDL	0.06	1.086607	0.97	BDL	0.22	BDL	0.58	BDL	0.64	BDL	0.24	BDL	0.19	BDL	0.07	BDL	0.22	BDL	0.85	BDL	0.65	BDL	0.36
4/23/2013 10:54	Titan2	50	100	125	2341	7764.198	Titan1-164	BDL	0.21	BDL	0.49	BDL	0.33	BDL	0.09	BDL	0.1	BDL	0.38	BDL	0.42	BDL	0.55	BDL	0.21	BDL	0.1	BDL	0.06	1.099601	0.98	BDL	0.22	BDL	0.59	BDL	0.63	BDL	0.25	BDL	0.21	BDL	0.05	BDL	0.22	BDL	0.85	BDL	0.71	BDL	0.35
4/23/2013 10:59	Titan2	51	100	125	2340	7336.505	Titan1-164	BDL	0.21	BDL	0.5	BDL	0.33	BDL	0.08	BDL	0.1	BDL	0.33	BDL	0.41	BDL	0.54	BDL	0.2	BDL	0.09	BDL	0.06	1.054473	0.96	BDL	0.23	BDL	0.59	BDL	0.64	BDL	0.26	BDL	0.19	BDL	0.03	BDL	0.2	BDL	0.85	BDL	0.45	BDL	0.34
4/23/2013 11:04	Titan2	52	100	125	2337	6848.723	Titan1-164	BDL	0.21	BDL	0.5	BDL	0.33	BDL	0.1	BDL	0.1	BDL	0.31	BDL	0.43	BDL	0.55	BDL	0.19	BDL	0.1	BDL	0.07	1.013596	0.98	BDL	0.23	BDL	0.58	BDL	0.66	BDL	0.25	BDL	0.19	BDL	0.01	BDL	0.21	BDL	0.85	BDL	0.62	BDL	0.36
4/23/2013 11:09	Titan2	53	100	125	2341	6995.285	Titan1-164	BDL	0.21	BDL	0.5	BDL	0.33	BDL	0.1	BDL	0.1	BDL	0.2	BDL	0.43	BDL	0.55	BDL	0.21	BDL	0.1	BDL	0.07	0.993411	0.98	BDL	0.23	BDL	0.58	BDL	0.63	BDL	0.25	BDL	0.19	BDL	0.02	BDL	0.22	BDL	0.85	BDL	0.62	BDL	0.36
4/23/2013 11:14	Titan2	54	100	125	2341	6899.663	Titan1-164	BDL	0.21	BDL	0.51	BDL	0.33	BDL	0.09	BDL	0.1	BDL	0.33	BDL	0.43	BDL	0.56	BDL	0.21	BDL	0.1	BDL	0.07	1.003309	0.98	BDL	0.23	BDL	0.58	BDL	0.6	BDL	0.26	BDL	0.18	BDL	0.01	BDL	0.21	BDL	0.84	BDL	0.5	BDL	0.35
4/23/2013 11:19	Titan2	55	100	125	2340	6865.551	Titan1-164	BDL	0.21	BDL	0.49	BDL	0.33	BDL	0.06	BDL	0.1	BDL	0.34	BDL	0.42	BDL	0.56	BDL	0.2	BDL	0.09	BDL	0.06	1.153361	0.95	BDL	0.23	BDL	0.59	BDL	0.69	BDL	0.25	BDL	0.19	BDL	0.02	BDL	0.22	BDL	0.84	BDL	0.38	BDL	0.34
4/23/2013 11:24	Titan2	56	100	125	2339	6903.804	Titan1-164	BDL	0.21	BDL	0.52	BDL	0.33	BDL	0.09	BDL	0.1	BDL	0.28	BDL	0.43	BDL	0.56	BDL	0.21	BDL	0.1	BDL	0.06	0.968363	0.97	BDL	0.21	BDL	0.58	BDL	0.67	BDL	0.26	BDL	0.17	BDL	0.01	BDL	0.21	BDL	0.85	BDL	0.63	BDL	0.35
4/23/2013 11:29	Titan2	57	100	125	2339	6934.942	Titan1-164	BDL	0.21	BDL	0.56	BDL	0.33	BDL	0.09	BDL	0.1	BDL	0.26	BDL	0.43	BDL	0.56	BDL	0.23	BDL	0.1	BDL	0.06	0.812656	0.98	BDL	0.21	BDL	0.58	BDL	0.6	BDL	0.27	BDL	0.19	BDL	0.01	BDL	0.19	BDL	0.85	BDL	0.72	BDL	0.36
4/23/2013 11:34	Titan2	58	100	125	2339	6569.017	Titan1-164	BDL	0.2	BDL	0.62	BDL	0.34	BDL	0.08	BDL	0.2	BDL	0.21	BDL	0.42	BDL	0.57	BDL	0.26	BDL	0.1	BDL	0.05	0.63234	0.98	BDL	0.2	BDL	0.59	BDL	0.41	BDL	0.27	BDL	0.22	BDL	0.01	BDL	0.22	BDL	0.86	BDL	0.64	BDL	0.34
4/23/2013 11:39	Titan2	59	100	125	2338	6052.926	Titan1-164	BDL	0.21	BDL	0.48	BDL	0.33	BDL	0.09	BDL	0.1	BDL	0.38	BDL	0.43	BDL	0.57	BDL	0.19	BDL	0.1	BDL	0.06	1.262081	0.98	BDL	0.24	BDL	0.58	BDL	0.58	BDL	0.26	BDL	0.19	BDL	0.01	BDL	0.23	BDL	0.84	BDL	0.64	BDL	0.35
4/23/2013 11:44	Titan2	60	100	125	2341	4871.214	Titan1-164	BDL	0.21	BDL	0.52	BDL	0.33	BDL	0.08	BDL	0.1	BDL	0.21	BDL	0.42	BDL	0.57	BDL	0.21	BDL	0.1	BDL	0.06	1.054016	0.98	BDL	0.22	BDL	0.58	BDL	0.62	BDL	0.26	BDL	0.19	BDL	0.01	BDL	0.21	BDL	0.84	BDL	0.83	BDL	0.34
4/23/2013 11:49	Titan2	61	100	125	2335	6810.587	Titan1-164	BDL	0.21	BDL	0.54	BDL	0.33	BDL	0.07	BDL	0.1	BDL	0.21	BDL	0.42	BDL	0.56	BDL	0.22	BDL	0.1	BDL	0.06	0.97117	0.98	BDL	0.22	BDL	0.59	BDL	0.63	BDL	0.26	BDL	0.18	BDL	0.02	BDL	0.21	BDL	0.84	BDL	0.84	BDL	0.35
4/23/2013 11:54	Titan2	62	100	125	2337	3403.767	Titan1-164	BDL	0.21	BDL	0.71	BDL	0.35	BDL	0.06	BDL	0.1	BDL	0.41	BDL	0.41	BDL	0.56	BDL	0.22	BDL	0.1	BDL	0.06	0.348795	0.97	BDL	0.21	BDL	0.57	BDL	0.45	BDL	0.28	BDL	0.35	BDL	0.01	BDL	0.18	BDL	0.73	BDL	0.63	BDL	0.32
4/23/2013 11:59	Titan2	63	100	125	2339	4853.041	Titan1-164	BDL	0.21	BDL	0.59	BDL	0.33	BDL	0.08	BDL	0.2	BDL	0.17	BDL	0.42	BDL	0.58	BDL	0.21	BDL	0.05	0.736283	0.98	BDL	0.21	BDL	0.57	BDL	0.51	BDL	0.25	BDL	0.29	BDL	0.03	BDL	0.03	BDL	0.19	BDL	0.75	BDL	0.53	BDL	0.33
4/23/2013 12:04	Titan2	64	100	125	2338	5621.647	Titan1-164	BDL	0.21	BDL	0.57	BDL	0.33	BDL	0.06	BDL	0.1	BDL	0.2	BDL	0.42	BDL	0.59	BDL	0.23	BDL	0.09	BDL	0.06	0.846868	0.98	BDL	0.22	BDL	0.59	BDL	0.37	BDL	0.27	BDL	0.25	BDL	0.06	BDL	0.22	BDL	0.83	BDL	0.5	BDL	0.32
4/23/2013 12:09	Titan2	65	100	125	2337	6928.976	Titan1-164	BDL	0.2	BDL	0.58	BDL	0.33	BDL	0.07	BDL	0.1	BDL	0.3	BDL	0.42	BDL	0.58	BDL	0.27	BDL	0.1	BDL	0.06	0.804671	0.98	BDL	0.22	BDL	0.59	BDL	0.34	BDL	0.26	BDL	0.22	BDL	0.04	BDL	0.21	BDL	0.85	BDL	0.72	BDL	0.35
4/23/2013 12:14	Titan2	66	100	125	2341	7397.44	Titan1-164	BDL	0.2	BDL	0.71	BDL	0.33	BDL	0.06	BDL	0.2	BDL	0.08	BDL	0.43	BDL	0.55	BDL	0.31	BDL	0.1	BDL	0.06	0.465262	0.98	BDL	0.19	BDL	0.59	BDL	0.39	BDL	0.25	BDL	0.23	BDL	0.04	BDL	0.16	BDL	0.86	BDL	0.68	BDL	0.35
4/23/2013 12:20	Titan2	67	100	125	2338	7314.163	Titan1-164	BDL	0.19	BDL	0.67	BDL	0.33	BDL	0.07	BDL	0.2	BDL	0.13	BDL	0.43	BDL	0.57	BDL	0.29	BDL	0.1	BDL	0.05	0.523782	0.98	BDL	0.2	BDL	0.6	BDL	0.26	BDL	0.26	BDL	0.24	BDL	0.03	BDL	0.21	BDL	0.86	BDL	0.68	BDL	0.35
4/23/2013 12:25	Titan2	68	100	125	2340	5176.23	Titan1-164	BDL	0.19	BDL	0.77	BDL	0.35	BDL	0.07	BDL	0.5	BDL	0.12	BDL	0.43	BDL	0.57	BDL	0.25	BDL	0.1	BDL	0.05	0.192932	0.95	BDL	0.17	BDL	0.59	BDL	0.19	BDL	0.26	BDL	0.23	BDL	0.1	BDL	0.21	BDL	0.87	BDL	0.79	BDL	0.33
4/23/2013 12:30	Titan2	69	100	125	2341	6221.483	Titan1-164	BDL	0.19	BDL	0.74	BDL	0.41	BDL	0.06	BDL	0.8	BDL	0.09	BDL	0.43	BDL	0.56	BDL	0.33	BDL	0.1	BDL	0.06	0.042627	0.74	BDL	0.16	BDL	0.6	BDL	0.23	BDL	0.26	BDL	0.2	BDL	0.06	BDL	0.15	BDL	0.87	BDL	0.55	BDL	0.34
4/23/2013 12:35	Titan2	70	100	125	2342	5514.792	Titan1-164	BDL	0.19	BDL	0.75	BDL	0.39	BDL	0.06	BDL	0.8	BDL	0.13	BDL	0.44	BDL	0.56	BDL	0.33	BDL	0.1	BDL	0.06	0.045803	0.75	BDL	0.15	BDL	0.59	BDL	0.29	BDL	0.24	BDL	0.25	BDL	0.04	BDL	0.19	BDL	0.87	BDL	0.81	BDL	0.34
4/23/2013 12:40	Titan2	71	100	125	2339	4632.473	Titan1-164	BDL	0.19	BDL	0.73	BDL	0.37	BDL	0.07	BDL	0.9	BDL	0.04	BDL	0.43	BDL	0.56	BDL	0.27	BDL	0.11	BDL	0.05	0.03003	0.61	BDL	0.15	BDL	0.58	BDL	0.21	BDL	0.26	BDL	0.22	BDL	0.03	BDL	0.22	BDL	0.87	BDL	0.79	BDL	0.37
4/23/2013 12:45	Titan2	72	100	125	2338	4364.537	Titan1-164	BDL	0.18	BDL	0.72	BDL	0.4	BDL	0.07	BDL	0.8	BDL	0.11	BDL	0.41	BDL	0.58	BDL	0.27	BDL	0.1	BDL	0.05	0.047747	0.72	BDL	0.16	BDL	0.58	BDL	0.22	BDL	0.26	BDL	0.29	BDL	0.03	BDL	0.17	BDL	0.87	BDL	0.72	BDL	0.32
4/23/2013 12:50	Titan2	73	100	125	2341	1754.022	Titan1-164	BDL	0.19	BDL	0.75	BDL	0.35	BDL	0.06	BDL	0.6	BDL	0.12	BDL	0.4	BDL	0.58	BDL	0.18	BDL	0.11	BDL	0.08	0.145792	0.92	BDL	0.15	BDL	0.56	BDL	0.52	BDL	0.25	BDL	0.3	BDL	0.03	BDL	0.18	BDL	0.84	BDL	0.4	BDL	0.33
4/23/2013 12:55	Titan2	74	100	125	2341	1055.77	Titan1-164	BDL	0.18	BDL	0.71	BDL	0.38	BDL	0.06	BDL	0.7	BDL	0.19	BDL	0.39	BDL	0.51	BDL	0.15	BDL	0.11	BDL	0.08	0.134285	0.89	BDL	0.15	BDL	0.52	BDL	0.47	BDL	0.26	BDL	0.33	BDL	0.03	BDL	0.19	BDL	0.83	BDL	0.35	BDL	0.33
4/23/2013 16:07	titan25	1	100	125	2391	9842.687	Titan1-164	BDL	0.18	BDL	0.78	BDL	0.34	BDL	0.05	BDL	0.9	BDL	0.32	BDL	0.42	BDL	0.52	BDL	0.44	BDL	0.1	BDL	0.05	BDL	0.04	BDL	0.18	BDL	0.67	BDL	0.02	BDL	0.29	BDL	0.26	BDL	0.09	BDL	0.16	BDL	0.84	BDL	0.47	BDL	0.35
4/23/2013 16:12	titan25	2	100	125	2393	10133.57	Titan1-164	BDL	0.18	BDL	0.79	BDL	0.04	BDL	0.09	BDL	0.9	BDL	0.28	BDL	0.42	BDL	0.55	BDL	0.43	BDL	0.1	BDL	0.05	BDL	0.04	BDL	0.18	BDL	0.66	BDL	0.03	BDL	0.26	BDL	0.26	BDL	0.09	BDL	0.16	BDL	0.84	BDL	0.87	BDL	0.35
4/23/2013 16:17	titan25	3	100	125	2400	10094.79	Titan1-164	BDL	0.18	BDL	0.78	BDL	0.06	BDL	0.08	BDL	0.9	BDL	0.32	BDL	0.43	BDL	0.56	BDL	0.39	BDL	0.09	BDL	0.05	BDL	0.02	BDL	0.18	BDL	0.66	BDL	0.02	BDL	0.27	BDL	0.17	BDL	0.1	BDL	0.14	BDL	0.84	BDL	0.51	BDL	0.35
4/23/2013 16:22	titan25	4	100	125	2387	10001.96	Titan1-164	BDL	0.17	BDL	0.79	BDL	0.05	BDL	0.07	BDL	0.9	BDL	0.32	BDL	0.42	BDL	0.58	BDL	0.46	BDL	0.09	BDL	0.05	BDL	0.02	BDL	0.18	BDL	0.67	BDL	0.09	BDL	0.26	BDL	0.33	BDL	0.07	BDL	0.17	BDL	0.84	BDL	0.7	BDL	0.35
4/23/2013 16:27	titan25	5	100	125	2375	10021.46	Titan1-164	BDL	0.18	BDL	0.79	BDL	0.07	BDL	0.05	BDL	0.9	BDL	0.29	BDL	0.43	BDL	0.54	BDL	0.36	BDL	0.1	BDL	0.05	BDL	0.02	BDL	0.17	BDL	0.65	BDL	0.1	BDL	0.25	BDL	0.25	BDL	0.08	BDL	0.18	BDL	0.84	BDL	0.67	BDL	0.35
4/23/2013 16:32	titan25	6	100	125	2376	10041.11	Titan1-164	BDL	0.18	BDL	0.79	BDL	0.06	BDL	0.06	BDL	0.9	BDL	0.43	BDL	0.43	BDL	0.51	BDL	0.45	BDL	0.1	BDL	0.07	BDL	0.01	BDL	0.18	BDL	0.66	BDL	0.1	BDL	0.26	BDL	0.22	BDL	0.08	BDL	0.14	BDL	0.84	BDL	0.43	BDL	0.35
4/23/2013 16:37	titan25	7	100	125	2378	10027.77	Titan1-164	BDL	0.18	BDL	0.79	BDL	0.06	BDL

Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8
4/23/2013 23:04	titan25	84	100	125	2368	7148.774	Titan1-164	BDL	0.22	BDL	0.71	BDL	0.05	BDL	0.14	BDL	0.9
4/23/2013 23:09	titan25	85	100	125	2353	7150.935	Titan1-164	BDL	0.23	BDL	0.73	BDL	0.11	BDL	0.09	BDL	0.9
4/23/2013 23:14	titan25	86	100	125	2360	6994.671	Titan1-164	BDL	0.22	BDL	0.73	BDL	0.09	BDL	0.06	BDL	0.8
4/23/2013 23:19	titan25	87	100	125	2365	7168.687	Titan1-164	BDL	0.22	BDL	0.72	BDL	0.1	BDL	0.12	BDL	0.9
4/23/2013 23:24	titan25	88	100	125	2355	7056.46	Titan1-164	BDL	0.21	BDL	0.73	BDL	0.1	BDL	0.07	BDL	0.8
4/23/2013 23:29	titan25	89	100	125	2353	7085.935	Titan1-164	BDL	0.21	BDL	0.74	BDL	0.1	BDL	0.05	BDL	0.9
4/23/2013 23:34	titan25	90	100	125	2355	6766.157	Titan1-164	BDL	0.2	BDL	0.71	BDL	0.1	BDL	0.12	BDL	0.9
4/23/2013 23:39	titan25	91	100	125	2354	6889.477	Titan1-164	BDL	0.21	BDL	0.73	BDL	0.1	BDL	0.11	BDL	0.9
4/23/2013 23:44	titan25	92	100	125	2363	6906.795	Titan1-164	BDL	0.21	BDL	0.73	BDL	0.1	BDL	0.1	BDL	0.9
4/23/2013 23:49	titan25	93	100	125	2355	6763.257	Titan1-164	BDL	0.2	BDL	0.72	BDL	0.11	BDL	0.09	BDL	0.9
4/23/2013 23:54	titan25	94	100	125	2357	6778.396	Titan1-164	BDL	0.2	BDL	0.72	BDL	0.09	BDL	0.07	BDL	0.8
4/23/2013 23:59	titan25	95	100	125	2362	6722.6	Titan1-164	BDL	0.2	BDL	0.72	BDL	0.05	BDL	0.15	BDL	0.9
4/24/2013 0:04	titan25	1	100	125	2361	6542.192	Titan1-164	BDL	0.2	BDL	0.72	BDL	0.09	BDL	0.07	BDL	0.8
4/24/2013 0:09	titan25	2	100	125	2360	6600.19	Titan1-164	BDL	0.22	BDL	0.71	BDL	0.11	BDL	0.09	BDL	0.8
4/24/2013 0:14	titan25	3	100	125	2360	6521.793	Titan1-164	BDL	0.22	BDL	0.7	BDL	0.07	BDL	0.11	BDL	0.8
4/24/2013 0:19	titan25	4	100	125	2361	6261.733	Titan1-164	BDL	0.23	BDL	0.7	BDL	0.12	BDL	0.08	BDL	0.8
4/24/2013 0:24	titan25	5	100	125	2358	6451.764	Titan1-164	BDL	0.22	BDL	0.71	BDL	0.1	BDL	0.05	BDL	0.8
4/24/2013 0:29	titan25	6	100	125	2361	6538.22	Titan1-164	BDL	0.22	BDL	0.71	BDL	0.1	BDL	0.12	BDL	0.9
4/24/2013 0:34	titan25	7	100	125	2358	6704.653	Titan1-164	BDL	0.2	BDL	0.72	BDL	0.1	BDL	0.08	BDL	0.9
4/24/2013 0:39	titan25	8	100	125	2359	6799.717	Titan1-164	BDL	0.21	BDL	0.73	BDL	0.09	BDL	0.15	BDL	0.9
4/24/2013 0:44	titan25	9	100	125	2362	6601.683	Titan1-164	BDL	0.2	BDL	0.71	BDL	0.09	BDL	0.15	BDL	0.9
4/24/2013 0:49	titan25	10	100	125	2356	6492.704	Titan1-164	BDL	0.2	BDL	0.71	BDL	0.09	BDL	0.1	BDL	0.8
4/24/2013 0:54	titan25	11	100	125	2357	6603.545	Titan1-164	BDL	0.2	BDL	0.73	BDL	0.12	BDL	0.04	BDL	0.9
4/24/2013 0:59	titan25	12	100	125	2363	6463.95	Titan1-164	BDL	0.18	BDL	0.69	BDL	0.05	BDL	0.14	BDL	0.9
4/24/2013 1:04	titan25	13	100	125	2358	6592.333	Titan1-164	BDL	0.19	BDL	0.72	BDL	0.07	BDL	0.12	BDL	0.9
4/24/2013 1:09	titan25	14	100	125	2364	6724.266	Titan1-164	BDL	0.19	BDL	0.72	BDL	0.05	BDL	0.08	BDL	0.9
4/24/2013 1:14	titan25	15	100	125	2362	6802.443	Titan1-164	BDL	0.19	BDL	0.73	BDL	0.06	BDL	0.13	BDL	0.9
4/24/2013 1:20	titan25	16	100	125	2363	6657.611	Titan1-164	BDL	0.17	BDL	0.72	BDL	0.08	BDL	0.15	BDL	0.9
4/24/2013 1:25	titan25	17	100	125	2358	6733.555	Titan1-164	BDL	0.17	BDL	0.73	BDL	0.05	BDL	0.09	BDL	0.9
4/24/2013 1:30	titan25	18	100	125	2358	6841.161	Titan1-164	BDL	0.19	BDL	0.74	BDL	0.1	BDL	0.1	BDL	0.9
4/24/2013 1:35	titan25	19	100	125	2355	6858.41	Titan1-164	BDL	0.19	BDL	0.72	BDL	0.07	BDL	0.15	BDL	0.9
4/24/2013 1:40	titan25	20	100	125	2360	6777.781	Titan1-164	BDL	0.18	BDL	0.73	BDL	0.09	BDL	0.09	BDL	0.9
4/24/2013 1:45	titan25	21	100	125	2362	6806.114	Titan1-164	BDL	0.18	BDL	0.74	BDL	0.11	BDL	0.06	BDL	0.9
4/24/2013 1:50	titan25	22	100	125	2360	5768.443	Titan1-164	BDL	0.15	BDL	0.68	BDL	0.12	BDL	0.13	BDL	0.8
4/24/2013 1:55	titan25	23	100	125	2360	5021.929	Titan1-164	BDL	0.13	BDL	0.69	BDL	0.12	BDL	0.07	BDL	0.9
4/24/2013 2:00	titan25	24	100	125	2363	4753.089	Titan1-164	BDL	0.14	BDL	0.68	BDL	0.18	BDL	0.06	BDL	0.9
4/24/2013 2:05	titan25	25	100	125	2364	4593.221	Titan1-164	BDL	0.12	BDL	0.68	BDL	0.17	BDL	0.14	BDL	0.9
4/24/2013 2:10	titan25	26	100	125	2353	4358.553	Titan1-164	BDL	0.1	BDL	0.68	BDL	0.2	BDL	0.06	BDL	0.8
4/24/2013 2:15	titan25	27	100	125	2361	4378.604	Titan1-164	BDL	0.1	BDL	0.68	BDL	0.13	BDL	0.09	BDL	0.8
4/24/2013 2:20	titan25	28	100	125	2363	4331.461	Titan1-164	BDL	0.1	BDL	0.68	BDL	0.08	BDL	0.14	BDL	0.9
4/24/2013 2:25	titan25	29	100	125	2368	4413.939	Titan1-164	BDL	0.11	BDL	0.69	BDL	0.13	BDL	0.1	BDL	0.9
4/24/2013 2:30	titan25	30	100	125	2361	4367.491	Titan1-164	BDL	0.12	BDL	0.69	BDL	0.11	BDL	0.11	BDL	0.9
4/24/2013 2:35	titan25	31	100	125	2356	4406.376	Titan1-164	BDL	0.13	BDL	0.69	BDL	0.15	BDL	0.03	BDL	0.9
4/24/2013 2:40	titan25	32	100	125	2367	4360.979	Titan1-164	BDL	0.12	BDL	0.68	BDL	0.06	BDL	0.15	BDL	0.9
4/24/2013 2:45	titan25	33	100	125	2366	4290.841	Titan1-164	BDL	0.12	BDL	0.68	BDL	0.11	BDL	0.04	BDL	0.8
4/24/2013 2:50	titan25	34	100	125	2360	4309.926	Titan1-164	BDL	0.14	BDL	0.68	BDL	0.13	BDL	0.05	BDL	0.9
4/24/2013 2:55	titan25	35	100	125	2362	4345.402	Titan1-164	BDL	0.15	BDL	0.67	BDL	0.11	BDL	0.15	BDL	0.9
4/24/2013 3:00	titan25	36	100	125	2361	4284.36	Titan1-164	BDL	0.15	BDL	0.69	BDL	0.06	BDL	0.06	BDL	0.9
4/24/2013 3:05	titan25	37	100	125	2361	4296.053	Titan1-164	BDL	0.14	BDL	0.69	BDL	0.07	BDL	0.06	BDL	0.9
4/24/2013 3:10	titan25	38	100	125	2362	4296.984	Titan1-164	BDL	0.12	BDL	0.69	BDL	0.17	BDL	0.14	BDL	0.9
4/24/2013 3:15	titan25	39	100	125	2364	4254.844	Titan1-164	BDL	0.13	BDL	0.69	BDL	0.1	BDL	0.12	BDL	0.9
4/24/2013 3:20	titan25	40	100	125	2368	4251.918	Titan1-164	BDL	0.14	BDL	0.69	BDL	0.11	BDL	0.05	BDL	0.9
4/24/2013 3:25	titan25	41	100	125	2362	4266.055	Titan1-164	BDL	0.14	BDL	0.7	BDL	0.12	BDL	0.13	BDL	0.9
4/24/2013 3:30	titan25	42	100	125	2361	4182.052	Titan1-164	BDL	0.13	BDL	0.69	BDL	0.18	BDL	0.13	BDL	0.9
4/24/2013 3:35	titan25	43	100	125	2365	4210.808	Titan1-164	BDL	0.13	BDL	0.69	BDL	0.12	BDL	0.04	BDL	0.8
4/24/2013 3:40	titan25	44	100	125	2364	4264.281	Titan1-164	BDL	0.13	BDL	0.7	BDL	0.09	BDL	0.14	BDL	0.9
4/24/2013 3:45	titan25	45	100	125	2360	4216.811	Titan1-164	BDL	0.11	BDL	0.69	BDL	0.09	BDL	0.15	BDL	0.9
4/24/2013 3:50	titan25	46	100	125	2363	4205.686	Titan1-164	BDL	0.13	BDL	0.7	BDL	0.1	BDL	0.05	BDL	0.9
4/24/2013 3:55	titan25	47	100	125	2362	4263.203	Titan1-164	BDL	0.12	BDL	0.71	BDL	0.12	BDL	0.13	BDL	0.9
4/24/2013 4:00	titan25	48	100	125	2366	4192.861	Titan1-164	BDL	0.11	BDL	0.69	BDL	0.09	BDL	0.14	BDL	0.9
4/24/2013 4:05	titan25	49	100	125	2364	4181.328	Titan1-164	BDL	0.12	BDL	0.7	BDL	0.12	BDL	0.07	BDL	0.8
4/24/2013 4:10	titan25	50	100	125	2359	4194.088	Titan1-164	BDL	0.11	BDL	0.7	BDL	0.06	BDL	0.04	BDL	0.8
4/24/2013 4:15	titan25	51	100	125	2366	4194.229	Titan1-164	BDL	0.11	BDL	0.69	BDL	0.1	BDL	0.15	BDL	0.8
4/24/2013 4:20	titan25	52	100	125	2359	4127.591	Titan1-164	BDL	0.1	BDL	0.7	BDL	0.1	BDL	0.07	BDL	0.8
4/24/2013 4:25	titan25	53	100	125	2363	4197.354	Titan1-164	BDL	0.13	BDL	0.7	BDL	0.16	BDL	0.04	BDL	0.8
4/24/2013 4:30	titan25	54	100	125	2357	4215.818	Titan1-164	BDL	0.11	BDL	0.7	BDL	0.16	BDL	0.17	BDL	0.9
4/24/2013 4:35	titan25	55	100	125	2369	4191.826	Titan1-164	BDL	0.11	BDL	0.7	BDL	0.14	BDL	0.07	BDL	0.8
4/24/2013 4:41	titan25	56	100	125	2360	4175.274	Titan1-164	BDL	0.1	BDL	0.7	BDL	0.05	BDL	0.15	BDL	0.8
4/24/2013 4:46	titan25	57	100	125	2368	4116.157	Titan1-164	BDL	0.09	BDL	0.7	BDL	0.14	BDL	0.13	BDL	0.8
4/24/2013 4:51	titan25	58	100	125	2360	4142.656	Titan1-164	BDL	0.1	BDL	0.7	BDL	0.11	BDL	0.07	BDL	0.8
4/24/2013 4:56	titan25	59	100	125	2361	4124.749	Titan1-164	BDL	0.09	BDL	0.71	BDL	0.07	BDL	0.16	BDL	0.8
4/24/2013 5:01	titan25	60	100	125	2366	4084.876	Titan1-164	BDL	0.09	BDL	0.7	BDL	0.06	BDL	0.14	BDL	0.8
4/24/2013 5:06	titan25	61	100	125	2366	4099.219	Titan1-164	BDL	0.1	BDL	0.7	BDL	0.04	BDL	0.05	BDL	0.8
4/24/2013 5:11	titan25	62	100	125	2360	4129.866	Titan1-164	BDL	0.11	BDL	0.71	BDL	0.07	BDL	0.12	BDL	0.8
4/24/2013 5:16	titan25	63	100	125	2357	4017.129	Titan1-164	BDL	0.09	BDL	0.69	BDL	0.05	BDL	0.14	BDL	0.8
4/24/2013 5:21	titan25	64	100	125	2362	4006.975	Titan1-164	BDL	0.09	BDL	0.71	BDL	0.12	BDL	0.06	BDL	0.8
4/24/2013 5:26	titan25	65	100	125	2367	4016.504	Titan1-164	BDL	0.09	BDL	0.7	BDL	0.09	BDL	0.04	BDL	0.8
4/24/2013 5:31	titan25	66	100	125	2366	4007.06	Titan1-164	BDL	0.1	BDL	0.7	BDL	0.12	BDL	0.14	BDL	0.9
4/24/2013 5:36	titan25	67	100	125	2361	3975.727	Titan1-164	BDL	0.11	BDL	0.7	BDL	0.12	BDL	0.05	BDL	0.8
4/24/2013 5:41	titan25	68	100	125	2350	3938.196	Titan1-164	BDL	0.09	BDL	0.7	BDL	0.15	BDL	0.14	BDL	0.8
4/24/2013 5:46	titan25	69	100	125	2359	3878.222	Titan1-164	BDL	0.1	BDL	0.7	BDL	0.1	BDL	0.16	BDL	0.8
4/24/2013 5:51	titan25	70	100	125	2356	3859.55	Titan1-164	BDL	0.1	BDL	0.7	BDL	0.12	BDL	0.04	BDL	0.8
4/24/2013 5:56	titan25	71	100	125	2362	3848.715	Titan1-164	BDL	0.09	BDL	0.7	BDL	0.1	BDL	0.15	BDL	0.8
4/24/2013 6:01	titan25	72	100	125	2355	3796.969	Titan1-164	BDL	0.09	BDL	0.7	BDL	0.12	BDL	0.09	BDL	0.8
4/24/2013 6:06	titan25	73	100	125	2358	3771.816	Titan1-164	BDL	0.09	BDL	0.7	BDL	0.08	BDL	0.14	BDL	0.8
4/24/2013 6:11	titan25	74	100	125	2358	3737.816	Titan1-164	BDL	0.09	BDL	0.71	BDL	0.13	BDL	0.13	BDL	0.8
4/24/2013 6:16	titan25	75	100	125	2354	3729.07	Titan1-164	BDL	0.09	BDL	0.7	BDL	0.15	BDL	0.11	BDL	0.8
4/24/2013 6:21	titan25	76	100	125	2355	3697.064	Titan1-164	BDL	0.1	BDL	0.7	BDL	0.12	BDL	0.15	BDL	0.8
4/24/2013 6:26	titan25	77	100	125	2361	3693.64	Titan1-164	BDL	0.1	BDL	0.71	BDL	0.14	BDL	0.04	BDL	0.8
4/24/2013 6:31	titan25	78	100	125	2363	3705.895	Titan1-164	BDL	0.11	BDL	0.69	BDL	0.11	BDL	0.16	BDL	0.8
4/24/2013 6:36	titan25	79	100	125	2361	3677.768	Titan1-164	BDL	0.11	BDL	0.71	BDL	0.19	BDL	0.05	BDL	0.8
4/24/2013 6:41	titan25	80	100	125	2356	3685.894	Titan1-164	BDL	0.1	BDL	0.7	BDL	0.13	BDL	0.15	BDL	0.8
4/24/2013 6:46	titan25	81	100	125	2355	3619.234	Titan1-164	BDL	0.09	BDL	0.71	BDL	0.14	BDL	0.17	BDL	0.8
4/24/2013 6:51	titan25	82	100	125	2363	3652.858	Titan1-164	BDL	0.1	BDL	0.71	BDL	0.11	BDL	0.11	BDL	0.8
4/24/2013 7:02	titan3	1	100	125	2302	7693.304	Titan1-164	BDL	0.15	BDL	0.76	BDL	0.1	BDL	0.17	BDL	0.9
4/24/2013 7:07	titan3	2	100	125	2361	7562.896	Titan1-164	BDL	0.17	BDL	0.76	BDL	0.43	BDL	0.18	BDL	0.9
4/24/2013 7:12	titan3	3	100	125	2368	7762.407	Titan1-164	BDL	0.18	BDL	0.77	BDL	0.46	BDL	0.15	BDL	0.9
4/24/2013 7:17	titan3	4	100	125	2365	7682.77	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.35	BDL	0.16	BDL	0.2
4/24/2013 7:22	titan3	5	100	125	2363	7602.005	Titan1-164	BDL	0.2	BDL	0.81	BDL	0.34	BDL	0.06	BDL	0.2
4/24/2013 7:27	titan3	6	100	125	2363	6636.179	Titan1-164	BDL	0.2	BDL	0.81	BDL	0.35	BDL	0.17	BDL	0.3
4/24/2013 7:32	titan3	7	100	125	2364	7574.104	Titan1-164	BDL	0.2	BDL	0.82	BDL	0.35	BDL	0.15	BDL	0.3
4/24/2013 7:37	titan3	8	100	125	2363	8195.625	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.35	BDL	0.18	BDL	0.3
4/24/2013 7:42	titan3	9	100	125	2362	8178.836	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.35	BDL	0.2	BDL	0.3
4/24/2013 7:48	titan3	10	100	125	2368	2893.355	Titan1-164	BDL	0.19	BDL	0.83	BDL	0.35	BDL	0.05	BDL	0.3
4/24/2013 8:22	titan3	16	100	150	1999	7067.005	Titan1-164	BDL	0.16	BDL	0.79	BDL	0.34	BDL	0.14	BDL	0.2
4/24/2013 8:27	titan3	17	100	150	1975	7108.765	Titan1-164	BDL	0.17	BDL	0.81	BDL	0.34	BDL	0.06	BDL	0.2
4/24/2013 8:32	titan3	18	100	150	1971	7175.049	Titan1-164	BDL	0.17	BDL	0.82	BDL	0.33	BDL	0.06	BDL	0.1
4/24/2013 8:37	titan3	19	100	150	1959	7018.201	Titan1-164	BDL	0.17	BDL	0.81	BDL	0.34	BDL	0.14	BDL	0.1
4/24/2013 8:42	titan3	20	100	150	1971	7055.787	Titan1-164	BDL	0.18	BDL	0.78	BDL	0.34	BDL	0.06	BDL	0.2
4/24/2013 8:47	titan3	21	100	150	1970	7193.207	Titan1-164	BDL	0.18	BDL	0.8	BDL	0.34	BDL	0.07	BDL	0.2
4/24/2013 8:52	titan3	22	100	150	1977	7503.263	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.33	BDL	0.16	BDL	0.1
4/24/2013 8:57	titan3	23	100	150	1970	7364.685	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.34	BDL	0.11	BDL	0.1
4/24/2013 9:02	titan3	24	100	150	1971	7462.37	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.34	BDL	0.07	BDL	0.2
4/24/2013 9:07	titan3	25	100	150	1979	7479.627	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.34	BDL	0.06	BDL	0.3
4/24/2013 9:45	titan3	26	100	150	1900	8456.218	Titan1-164	BDL	0.24	BDL	0.86	BDL	0.31	BDL	0.1	BDL	0
4/24/2013 9:51	titan3	27	100	150	200	8493.604	Titan1-164	BDL	0.23	BDL	0.87	BDL	0.31	BDL	0.08	BDL	0
4/24/2013 9:52	titan3	28	100	150	197	8354.7	Titan1-164	BDL	0.22	BDL	0.86	BDL	0.31	BDL	0.11	BDL	0
4/24/2013 9:53	titan3	29	100	150	198	8471.26	Titan1-164	BDL	0.23	BDL	0.87	BDL	0.31	BDL	0.09	BDL	0
4/24/2013 9:54	titan3	30	100	150	198	8526.652	Titan1-164	BDL	0.22	BDL	0.86	BDL	0.31	BDL	0.1	BDL	0
4/24/2013 9:54	titan3	31	100	150	200	8418.779	Titan1-164	BDL	0.23	BDL	0.87	BDL	0.3	BDL	0.14	BDL	0
4/24/2013 9:55	titan3	32	100	150	185	8408.591	Titan1-164	BDL	0.22	BDL	0.85	BDL	0.26	BDL	0.15	BDL	0.3
4/24/2013 9:55	titan3	33	100	150	194	8425.974	Titan1-164	BDL	0.22	BDL	0.85	BDL	0.27	BDL	0.06	BDL	0.3
4/24/2013 9:56	titan3	34	100	150	201	8434.972	Titan1-164	BDL	0.21	BDL	0.85	BDL	0.26	BDL	0.07	BDL	0.3
4/24/2013 9:56	titan3	35	100	150	201	8432.526	Titan1-164	BDL	0.22	BDL	0.84	BDL	0.26	BDL	0.06	BDL	0.4
4/24/2013 9:57	titan3	36	100	150	200	8472.476	Titan1-164	BDL	0.22	BDL	0.85	BDL	0.26	BDL	0.12	BDL	0.4
4/24/2013 9:57	titan3	37	100	150	200	8473.71	Titan1-164	BDL	0.23	BDL	0.85	BDL	0.26	BDL	0.12	BDL	0.3
4/24/2013 9:58	titan3	38	100	150	201	8422.637	Titan1-164	BDL	0.22	BDL	0.85	BDL	0.28	BDL	0.07	BDL	0.2
4/24/2013 10:00	titan3	39	100	150	173	8440.544	Titan1-164	BDL	0.23	BDL	0.82	BDL	0.2	BDL	0.12	BDL	0.6
4/24/2013 10:01	titan3	40	100	150	186	8341.517	Titan1-164	BDL	0.23	BDL	0.85	BDL	0.31	BDL	0.11	BDL	0
4/24/2013 10:01	titan3	41	100	150	201	8297.453	Titan1-164	BDL	0.21	BDL	0.84	BDL	0.27	BDL	0.14	BDL	0.3
4/24/2013 10:02	titan3	42	100	150	201	8303.083	Titan1-164	BDL	0.21	BDL	0.85	BDL	0.29	BDL	0.12	BDL	0.2

Sample Date/Time	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2
Maximum:	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5
4/23/2013 23:04	BDL	0.24	BDL	0.05	BDL	0.43	BDL	0.44	BDL	0.1	BDL	0.06	BDL	0.03	BDL	0.12
4/23/2013 23:09	BDL	0.14	BDL	0.38	BDL	0.48	BDL	0.38	BDL	0.14	BDL	0.07	BDL	0.02	BDL	0.14
4/23/2013 23:14	BDL	0.15	BDL	0.24	BDL	0.5	BDL	0.4	BDL	0.18	BDL	0.06	BDL	0.03	BDL	0.15
4/23/2013 23:19	BDL	0.19	BDL	0.15	BDL	0.46	BDL	0.31	BDL	0.12	BDL	0.05	BDL	0.04	BDL	0.12
4/23/2013 23:24	BDL	0.16	BDL	0.39	BDL	0.48	BDL	0.39	BDL	0.15	BDL	0.07	BDL	0.02	BDL	0.14
4/23/2013 23:29	BDL	0.18	BDL	0.33	BDL	0.44	BDL	0.43	BDL	0.14	BDL	0.06	BDL	0.03	BDL	0.14
4/23/2013 23:34	BDL	0.18	BDL	0.15	BDL	0.4	BDL	0.36	BDL	0.11	BDL	0.06	BDL	0.03	BDL	0.12
4/23/2013 23:39	BDL	0.17	BDL	0.37	BDL	0.5	BDL	0.37	BDL	0.15	BDL	0.06	BDL	0.02	BDL	0.14
4/23/2013 23:44	BDL	0.2	BDL	0.14	BDL	0.42	BDL	0.41	BDL	0.14	BDL	0.06	BDL	0.03	BDL	0.13
4/23/2013 23:49	BDL	0.17	BDL	0.2	BDL	0.51	BDL	0.39	BDL	0.14	BDL	0.07	BDL	0.03	BDL	0.13
4/23/2013 23:54	BDL	0.17	BDL	0.04	BDL	0.53	BDL	0.37	BDL	0.18	BDL	0.06	BDL	0.02	BDL	0.13
4/23/2013 23:59	BDL	0.16	BDL	0.21	BDL	0.5	BDL	0.39	BDL	0.17	BDL	0.08	BDL	0.03	BDL	0.13
4/24/2013 0:04	BDL	0.18	BDL	0.3	BDL	0.45	BDL	0.37	BDL	0.2	BDL	0.08	BDL	0.03	BDL	0.13
4/24/2013 0:09	BDL	0.08	BDL	0.15	BDL	0.53	BDL	0.38	BDL	0.17	BDL	0.08	BDL	0.02	BDL	0.14
4/24/2013 0:14	BDL	0.18	BDL	0.1	BDL	0.42	BDL	0.4	BDL	0.16	BDL	0.08	BDL	0.03	BDL	0.13
4/24/2013 0:19	BDL	0.07	BDL	0.26	BDL	0.49	BDL	0.36	BDL	0.22	BDL	0.09	BDL	0.02	BDL	0.14
4/24/2013 0:24	BDL	0.14	BDL	0.03	BDL	0.47	BDL	0.36	BDL	0.18	BDL	0.09	BDL	0.01	BDL	0.15
4/24/2013 0:29	BDL	0.22	BDL	0.01	BDL	0.46	BDL	0.39	BDL	0.12	BDL	0.07	BDL	0.03	BDL	0.12
4/24/2013 0:34	BDL	0.21	BDL	0.24	BDL	0.49	BDL	0.38	BDL	0.16	BDL	0.07	BDL	0.02	BDL	0.14
4/24/2013 0:39	BDL	0.22	BDL	0.16	BDL	0.48	BDL	0.4	BDL	0.14	BDL	0.07	BDL	0.02	BDL	0.13
4/24/2013 0:44	BDL	0.28	BDL	0.11	BDL	0.46	BDL	0.37	BDL	0.12	BDL	0.07	BDL	0.03	BDL	0.13
4/24/2013 0:49	BDL	0.18	BDL	0.04	BDL	0.49	BDL	0.35	BDL	0.18	BDL	0.07	BDL	0.04	BDL	0.14
4/24/2013 0:54	BDL	0.31	BDL	0.15	BDL	0.43	BDL	0.4	BDL	0.2	BDL	0.07	BDL	0.03	BDL	0.14
4/24/2013 0:59	BDL	0.26	BDL	0.34	BDL	0.24	BDL	0.37	BDL	0.06	BDL	0.07	BDL	0.04	BDL	0.11
4/24/2013 1:04	BDL	0.31	BDL	0.18	BDL	0.52	BDL	0.31	BDL	0.13	BDL	0.07	BDL	0.03	BDL	0.13
4/24/2013 1:09	BDL	0.2	BDL	0.25	BDL	0.63	BDL	0.38	BDL	0.15	BDL	0.07	BDL	0.03	BDL	0.14
4/24/2013 1:14	BDL	0.33	BDL	0.16	BDL	0.47	BDL	0.44	BDL	0.11	BDL	0.07	BDL	0.02	BDL	0.12
4/24/2013 1:20	BDL	0.31	BDL	0.02	BDL	0.51	BDL	0.38	BDL	0.11	BDL	0.07	BDL	0.04	BDL	0.12
4/24/2013 1:25	BDL	0.4	BDL	0.02	BDL	0.54	BDL	0.39	BDL	0.13	BDL	0.08	BDL	0.02	BDL	0.14
4/24/2013 1:30	BDL	0.46	BDL	0.28	BDL	0.5	BDL	0.43	BDL	0.13	BDL	0.08	BDL	0.02	BDL	0.14
4/24/2013 1:35	BDL	0.43	BDL	0.27	BDL	0.5	BDL	0.43	BDL	0.09	BDL	0.06	BDL	0.03	BDL	0.12
4/24/2013 1:40	BDL	0.35	BDL	0.29	BDL	0.56	BDL	0.38	BDL	0.12	BDL	0.08	BDL	0.05	BDL	0.14
4/24/2013 1:45	BDL	0.26	BDL	0.29	BDL	0.59	BDL	0.4	BDL	0.13	BDL	0.07	BDL	0.04	BDL	0.14
4/24/2013 1:50	BDL	0.18	BDL	0.06	BDL	0.52	BDL	0.39	BDL	0.08	BDL	0.08	BDL	0.03	BDL	0.12
4/24/2013 1:55	BDL	0.24	BDL	0.16	BDL	0.57	BDL	0.31	BDL	0.12	BDL	0.08	BDL	0.05	BDL	0.12
4/24/2013 2:00	BDL	0.28	BDL	0.02	BDL	0.58	BDL	0.31	BDL	0.15	BDL	0.09	BDL	0.05	BDL	0.13
4/24/2013 2:05	BDL	0.26	BDL	0.33	BDL	0.6	BDL	0.36	BDL	0.05	BDL	0.1	BDL	0.04	BDL	0.11
4/24/2013 2:10	BDL	0.19	BDL	0.38	BDL	0.62	BDL	0.3	BDL	0.08	BDL	0.09	BDL	0.07	BDL	0.14
4/24/2013 2:15	BDL	0.18	BDL	0.38	BDL	0.61	BDL	0.29	BDL	0.06	BDL	0.1	BDL	0.03	BDL	0.14
4/24/2013 2:20	BDL	0.1	BDL	0.35	BDL	0.55	BDL	0.33	BDL	0.06	BDL	0.1	BDL	0.05	BDL	0.13
4/24/2013 2:25	BDL	0.16	BDL	0.21	BDL	0.59	BDL	0.34	BDL	0.12	BDL	0.08	BDL	0.04	BDL	0.14
4/24/2013 2:30	BDL	0.17	BDL	0.05	BDL	0.57	BDL	0.31	BDL	0.09	BDL	0.09	BDL	0.06	BDL	0.13
4/24/2013 2:35	BDL	0.17	BDL	0.04	BDL	0.58	BDL	0.32	BDL	0.13	BDL	0.08	BDL	0.03	BDL	0.14
4/24/2013 2:40	BDL	0.17	BDL	0.04	BDL	0.56	BDL	0.32	BDL	0.07	BDL	0.08	BDL	0.04	BDL	0.12
4/24/2013 2:45	BDL	0.1	BDL	0.05	BDL	0.6	BDL	0.3	BDL	0.11	BDL	0.09	BDL	0.04	BDL	0.14
4/24/2013 2:50	BDL	0.11	BDL	0.16	BDL	0.6	BDL	0.31	BDL	0.13	BDL	0.08	BDL	0.05	BDL	0.14
4/24/2013 2:55	BDL	0.19	BDL	0.26	BDL	0.6	BDL	0.35	BDL	0.08	BDL	0.08	BDL	0.05	BDL	0.12
4/24/2013 3:00	BDL	0.17	BDL	0.35	BDL	0.58	BDL	0.3	BDL	0.11	BDL	0.08	BDL	0.05	BDL	0.14
4/24/2013 3:05	BDL	0.18	BDL	0.28	BDL	0.6	BDL	0.32	BDL	0.13	BDL	0.1	BDL	0.06	BDL	0.14
4/24/2013 3:10	BDL	0.17	BDL	0.03	BDL	0.55	BDL	0.25	BDL	0.08	BDL	0.08	BDL	0.06	BDL	0.12
4/24/2013 3:15	BDL	0.23	BDL	0.12	BDL	0.57	BDL	0.32	BDL	0.09	BDL	0.09	BDL	0.06	BDL	0.13
4/24/2013 3:20	BDL	0.1	BDL	0.24	BDL	0.58	BDL	0.31	BDL	0.13	BDL	0.07	BDL	0.06	BDL	0.15
4/24/2013 3:25	BDL	0.15	BDL	0.28	BDL	0.58	BDL	0.35	BDL	0.11	BDL	0.07	BDL	0.05	BDL	0.14
4/24/2013 3:30	BDL	0.17	BDL	0.19	BDL	0.58	BDL	0.33	BDL	0.1	BDL	0.08	BDL	0.1	BDL	0.15
4/24/2013 3:35	BDL	0.07	BDL	0.12	BDL	0.59	BDL	0.33	BDL	0.12	BDL	0.1	BDL	0.05	BDL	0.15
4/24/2013 3:40	BDL	0.1	BDL	0.15	BDL	0.58	BDL	0.33	BDL	0.12	BDL	0.09	BDL	0.07	BDL	0.15
4/24/2013 3:45	BDL	0.23	BDL	0.03	BDL	0.56	BDL	0.35	BDL	0.07	BDL	0.08	BDL	0.07	BDL	0.12
4/24/2013 3:50	BDL	0.22	BDL	0.2	BDL	0.58	BDL	0.32	BDL	0.12	BDL	0.07	BDL	0.06	BDL	0.15
4/24/2013 3:55	BDL	0.31	BDL	0.02	BDL	0.59	BDL	0.36	BDL	0.11	BDL	0.08	BDL	0.06	BDL	0.15
4/24/2013 4:00	BDL	0.26	BDL	0.01	BDL	0.56	BDL	0.37	BDL	0.04	BDL	0.09	BDL	0.13	BDL	0.09
4/24/2013 4:05	BDL	0.17	BDL	0.02	BDL	0.56	BDL	0.32	BDL	0.12	BDL	0.1	BDL	0.14	BDL	0.16
4/24/2013 4:10	BDL	0.25	BDL	0.04	BDL	0.55	BDL	0.34	BDL	0.17	BDL	0.08	BDL	0.11	BDL	0.15
4/24/2013 4:15	BDL	0.33	BDL	0.05	BDL	0.54	BDL	0.36	BDL	0.05	BDL	0.11	BDL	0.12	BDL	0.1
4/24/2013 4:20	BDL	0.07	BDL	0.19	BDL	0.55	BDL	0.33	BDL	0.08	BDL	0.08	BDL	0.09	BDL	0.15
4/24/2013 4:25	BDL	0.21	BDL	0.09	BDL	0.56	BDL	0.33	BDL	0.14	BDL	0.09	BDL	0.11	BDL	0.15
4/24/2013 4:30	BDL	0.16	BDL	0.04	BDL	0.56	BDL	0.37	BDL	0.08	BDL	0.09	BDL	0.11	BDL	0.13
4/24/2013 4:35	BDL	0.27	BDL	0.06	BDL	0.57	BDL	0.35	BDL	0.15	BDL	0.09	BDL	0.09	BDL	0.14
4/24/2013 4:41	BDL	0.21	BDL	0.27	BDL	0.55	BDL	0.38	BDL	0.07	BDL	0.08	BDL	0.09	BDL	0.11
4/24/2013 4:46	BDL	0.22	BDL	0.27	BDL	0.54	BDL	0.34	BDL	0.04	BDL	0.08	BDL	0.13	BDL	0.12
4/24/2013 4:51	BDL	0.22	BDL	0.17	BDL	0.56	BDL	0.34	BDL	0.11	BDL	0.07	BDL	0.1	BDL	0.14
4/24/2013 4:56	BDL	0.25	BDL	0.34	BDL	0.54	BDL	0.34	BDL	0.06	BDL	0.08	BDL	0.15	BDL	0.13
4/24/2013 5:01	BDL	0.15	BDL	0.31	BDL	0.56	BDL	0.35	BDL	0	BDL	0.09	BDL	0.14	BDL	0.11
4/24/2013 5:06	BDL	0.13	BDL	0.15	BDL	0.52	BDL	0.33	BDL	0.13	BDL	0.08	BDL	0.11	BDL	0.15
4/24/2013 5:11	BDL	0.13	BDL	0.15	BDL	0.54	BDL	0.37	BDL	0.13	BDL	0.09	BDL	0.1	BDL	0.14
4/24/2013 5:16	BDL	0.19	BDL	0.29	BDL	0.52	BDL	0.36	BDL	0.01	BDL	0.07	BDL	0.12	BDL	0.09
4/24/2013 5:21	BDL	0.07	BDL	0.26	BDL	0.52	BDL	0.33	BDL	0.06	BDL	0.12	BDL	0.09	BDL	0.14
4/24/2013 5:26	BDL	0.14	BDL	0.24	BDL	0.51	BDL	0.35	BDL	0.12	BDL	0.08	BDL	0.1	BDL	0.16
4/24/2013 5:31	BDL	0.19	BDL	0.21	BDL	0.54	BDL	0.37	BDL	0.05	BDL	0.09	BDL	0.1	BDL	0.11
4/24/2013 5:36	BDL	0.08	BDL	0.11	BDL	0.58	BDL	0.33	BDL	0.13	BDL	0.09	BDL	0.06	BDL	0.15
4/24/2013 5:41	BDL	0.12	BDL	0.33	BDL	0.53	BDL	0.35	BDL	0.04	BDL	0.08	BDL	0.08	BDL	0.16
4/24/2013 5:46	BDL	0.09	BDL	0.22	BDL	0.53	BDL	0.36	BDL	0.03	BDL	0.09	BDL	0.09	BDL	0.13
4/24/2013 5:51	BDL	0.13	BDL	0.15	BDL	0.56	BDL	0.33	BDL	0.16	BDL	0.07	BDL	0.1	BDL	0.17
4/24/2013 5:56	BDL	0.15	BDL	0.31	BDL	0.5	BDL	0.36	BDL	0.03	BDL	0.08	BDL	0.1	BDL	0.13
4/24/2013 6:01	BDL	0.14	BDL	0.26	BDL	0.52	BDL	0.33	BDL	0.07	BDL	0.1	BDL	0.09	BDL	0.15
4/24/2013 6:06	BDL	0.08	BDL	0.29	BDL	0.54	BDL	0.34	BDL	0.04	BDL	0.08	BDL	0.09	BDL	0.13
4/24/2013 6:11	BDL	0.18	BDL	0.3	BDL	0.57	BDL	0.33	BDL	0.07	BDL	0.09	BDL	0.09	BDL	0.15
4/24/2013 6:16	BDL	0.05	BDL	0.27	BDL	0.52	BDL	0.35	BDL	0.08	BDL	0.1	BDL	0.11	BDL	0.15
4/24/2013 6:21	BDL	0.08	BDL	0.18	BDL	0.53	BDL	0.34	BDL	0.07	BDL	0.09	BDL	0.09	BDL	0.14
4/24/2013 6:26	BDL	0.18	BDL	0.21	BDL	0.53	BDL	0.34	BDL	0.16	BDL	0.09	BDL	0.07	BDL	0.16
4/24/2013 6:31	BDL	0.06	BDL	0.1	BDL	0.51	BDL	0.35	BDL	0.06	BDL	0.11	BDL	0.1	BDL	0.12
4/24/2013 6:36	BDL	0.08	BDL	0.14	BDL	0.55	BDL	0.33	BDL	0.13	BDL	0.1	BDL	0.09	BDL	0.14
4/24/2013 6:41	BDL	0.06	BDL	0.19	BDL	0.53	BDL	0.34	BDL	0.06	BDL	0.1	BDL	0.08	BDL	0.14
4/24/2013 6:46	BDL	0.16	BDL	0.3	BDL	0.53	BDL	0.34	BDL	0.02	BDL	0.09	BDL	0.11	BDL	0.14
4/24/2013 6:51	BDL	0.1	BDL	0.25	BDL	0.54	BDL	0.33	BDL	0.09	BDL	0.08	BDL	0.08	BDL	0.15
4/24/2013 7:02	BDL	0.39	BDL	0.31	BDL	0.56	BDL	0.43	BDL	0.09	BDL	0.05	BDL	0.05	BDL	0.17
4/24/2013 7:07	BDL	0.3	BDL	0.18	BDL	0.58	BDL	0.44	BDL	0.1	BDL	0.06	0.01129	0.48	BDL	0.15
4/24/2013 7:12	BDL	0.36	BDL	0.29	BDL	0.57	BDL	0.46	BDL	0.11	BDL	0.06	0.014986	0.58	BDL	0.17
4/24/2013 7:17	BDL	0.29	BDL	0.35	BDL	0.59	BDL	0.38	BDL	0.09	BDL	0.05	0.260349	0.94	BDL	0.19
4/24/2013 7:22	BDL	0.26	BDL	0.42	BDL	0.59	BDL	0.39	BDL	0.1	BDL	0.08	0.35746	0.97	BDL	0.22
4/24/2013 7:27	BDL	0.34	BDL	0.39	BDL	0.6	BDL	0.42	BDL	0.09	BDL	0.08	0.232745	0.95	BDL	0.2
4/24/2013 7:32	BDL	0.42	BDL	0.41	BDL	0.59	BDL	0.42	BDL	0.09	BDL	0.08	0.252197	0.95	BDL	0.21
4/24/2013 7:37	BDL	0.49	BDL	0.36	BDL	0.58	BDL	0.44	BDL	0.08	BDL	0.07	0.203082	0.94	BDL	0.2
4/24/2013 7:42	BDL	0.35	BDL	0.4	BDL	0.58	BDL	0.45	BDL	0.09	BDL	0.07	0.208331	0.94	BDL	0.21
4/24/2013 7:48	BDL	0.14	BDL	0.39	BDL	0.59	BDL	0.33	BDL	0.09	BDL	0.08	0.186845	0.96	BDL	0.21
4/24/2013 8:22	BDL	0.29	BDL	0.33	BDL	0.49	BDL	0.43	BDL	0.1	BDL	0.07	0.206061	0.94	BDL	0.18
4/24/2013 8:27	BDL	0.19	BDL	0.36	BDL	0.51	BDL	0.38	BDL	0.13	BDL	0.08	0.169831	0.96	BDL	0.21
4/24/2013 8:32	BDL	0.27	BDL	0.39	BDL	0.53	BDL	0.4	BDL	0.14	BDL	0.08	0.295102	0.98	BDL	0.22
4/24/2013 8:37	BDL	0.32	BDL	0.26	BDL	0.55	BDL	0.4	BDL	0.12	BDL	0.08	0.32776	0.97	BDL	0.21
4/24/2013 8:42	BDL	0.13	BDL	0.4	BDL	0.54	BDL	0.31	BDL	0.12	BDL	0.09	0.513875	0.96	BDL	0.24
4/24/2013 8:47	BDL	0.18	BDL	0.41	BDL	0.57	BDL	0.38	BDL	0.11	BDL	0.09	0.401256	0.98	BDL	0.22
4/24/2013 8:52	BDL	0.32	BDL	0.4	BDL	0.56	BDL	0.37	BDL	0.09	BDL	0.08	0.306329	0.96	BDL	0.2
4/24/2013 8:57	BDL	0.35	BDL	0.39	BDL	0.61	BDL	0.4	BDL	0.09	BDL	0.08	0.207629	0.94	BDL	0.2
4/24/2013 9:02	BDL	0.48	BDL	0.42	BDL	0.57	BDL	0.41	BDL	0.11	BDL	0.08	0.132395	0.95	BDL	0.19
4/24/2013 9:07	BDL	0.42	BDL	0.42	BDL	0.55	BDL	0.43	BDL	0.11	BDL	0.07	0.157074	0.96	BDL	0.2
4/24/2013 9:45	BDL	0.18	BDL	0.36	BDL	0.3	BDL	0.44	BDL	0.11	BDL	0.17	0.15795	0.96	BDL	0.2
4/24/2013 9:51	BDL	0.12	BDL	0.36	BDL	0.19	BDL	0.43	BDL	0.11	BDL	0.13	0.174856	0.96	BDL	0.19
4/24/2013 9:52	BDL	0.2	BDL	0.03	BDL	0.11	BDL	0.41	BDL	0.14	BDL	0.1	0.209588	0.96	BDL	0.21
4/24/2013 9:53	BDL	0.1	BDL	0.3	BDL	0.19	BDL	0.46	BDL	0.1	BDL	0.19	0.201993	0.96	BDL	0.18
4/24/2013 9:54	BDL	0.33	BDL	0.36	BDL	0.13	BDL	0.44	BDL	0.11	BDL	0.19	0.180099	0.96	BDL	0.2
4/24/2013 9:54	BDL	0.18	BDL	0.04	BDL	0.16	BDL	0.46	BDL	0.1	0.003156	0.25	0.158464	0.97	BDL	0.2
4/24/2013 9:55	BDL	0.13	BDL	0.19	BDL	0.06	BDL	0.47	BDL	0.09	0.001801	0.2	0.073997	0.96	BDL	0.19
4/24/2013 9:55	BDL	0.11	BDL	0.1	BDL	0.07	BDL	0.45	BDL	0.07	0.00226	0.38	0.076405	0.96	BDL	0.2
4/24/2013 9:56	BDL	0.1	BDL	0.05	BDL	0.01	BDL	0.44	BDL	0.1	0.001715	0.24	0.068568	0.96	BDL	0.19
4/24/2013 9:56	BDL	0.16	BDL	0.03	BDL	0.03	BDL	0.46	BDL	0.14	BDL	0.03	0.04941	0.95	BDL	0.17
4/24/2013 9:57	BDL	0.33	BDL	0.17	BDL	0.13	BDL	0.47	BDL	0.14	0.00274	0.4	0.056012	0.95	BDL	0.15
4/24/2013 9:57	BDL	0.38	BDL	0.12	BDL	0.25	BDL	0.46	BDL	0.11	0.00215	0.25	0.074222	0.96	BDL	0.16
4/24/2013 9:58	BDL	0.16	BDL	0.05	BDL	0.04	BDL	0.47	BDL	0.11	BDL	0.23	0.079096	0.96	BDL	0.17
4/24/2013 10:00	BDL	0.23	BDL	0.06	BDL	0.09	BDL	0.45	BDL	0.07	BDL	0.21	0.018164	0.82	BDL	0.14
4/24/2013 10:01	BDL	0.21	BDL	0.06	BDL	0.07	BDL	0.42	BDL	0.09	BDL	0.13	0.18617	0.95	BDL	0.17
4/24/2013 10:01	BDL	0.23	BDL	0.02	BDL	0.1	BDL	0.46	BDL	0.06	BDL	0.11	0.079973	0.95	BDL	0.13
4/24/2013 10:02	BDL	0.2	BDL	0.03	BDL	0.08	BDL	0.45	BDL	0.08	BDL	0.14	0.104601	0.93	BDL	0.16

Sample Date/Time	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
Maximum:	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/23/2013 23:04	BDL	0.74	0.013743	0.32	BDL	0.33	BDL	0.3	BDL	0.02	BDL	0.33	BDL	0.7	BDL	0.67	BDL	0.4
4/23/2013 23:09	BDL	0.7	0.008231	0.31	BDL	0.29	BDL	0.27	BDL	0.05	BDL	0.31	BDL	0.73	BDL	0.37	BDL	0.33
4/23/2013 23:14	BDL	0.73	0.012529	0.48	BDL	0.29	BDL	0.3	BDL	0.07	BDL	0.27	BDL	0.7	BDL	0.44	BDL	0.35
4/23/2013 23:19	BDL	0.72	0.011883	0.3	BDL	0.33	BDL	0.32	BDL	0.09	BDL	0.2	BDL	0.72	BDL	0.62	BDL	0.4
4/23/2013 23:24	BDL	0.68	0.00974	0.38	BDL	0.31	BDL	0.29	BDL	0.06	BDL	0.21	BDL	0.73	BDL	0.16	BDL	0.34
4/23/2013 23:29	BDL	0.71	0.011018	0.38	BDL	0.3	BDL	0.3	BDL	0.09	BDL	0.27	BDL	0.71	BDL	0.55	BDL	0.35
4/23/2013 23:34	BDL	0.72	0.014798	0.37	BDL	0.32	BDL	0.34	BDL	0.02	BDL	0.3	BDL	0.72	BDL	0.68	BDL	0.34
4/23/2013 23:39	BDL	0.72	0.011043	0.39	BDL	0.27	BDL	0.33	BDL	0.05	BDL	0.27	BDL	0.74	BDL	0.32	BDL	0.32
4/23/2013 23:44	BDL	0.75	0.012892	0.36	BDL	0.3	BDL	0.3	BDL	0.05	BDL	0.35	BDL	0.73	BDL	0.74	BDL	0.34
4/23/2013 23:49	BDL	0.73	0.012385	0.39	BDL	0.29	BDL	0.34	BDL	0.03	BDL	0.23	BDL	0.75	BDL	0.55	BDL	0.32
4/23/2013 23:54	BDL	0.75	0.013199	0.46	BDL	0.25	BDL	0.32	BDL	0.04	BDL	0.44	BDL	0.73	BDL	0.5	BDL	0.33
4/23/2013 23:59	BDL	0.7	0.016948	0.48	BDL	0.3	BDL	0.31	BDL	0.04	BDL	0.53	BDL	0.69	BDL	0.58	BDL	0.33
4/24/2013 0:04	BDL	0.6	0.015857	0.49	BDL	0.3	BDL	0.35	BDL	0.11	BDL	0.25	BDL	0.69	BDL	0.23	BDL	0.31
4/24/2013 0:09	BDL	0.74	0.014186	0.46	BDL	0.25	BDL	0.37	BDL	0.05	BDL	0.19	BDL	0.68	BDL	0.31	BDL	0.35
4/24/2013 0:14	BDL	0.74	0.017353	0.42	BDL	0.34	BDL	0.33	BDL	0.1	BDL	0.52	BDL	0.63	BDL	0.6	BDL	0.4
4/24/2013 0:19	BDL	0.52	0.01675	0.48	BDL	0.32	BDL	0.34	BDL	0.07	BDL	0.09	BDL	0.6	BDL	0.1	BDL	0.32
4/24/2013 0:24	BDL	0.76	0.014718	0.47	BDL	0.25	BDL	0.28	BDL	0.01	BDL	0.18	BDL	0.66	BDL	0.46	BDL	0.32
4/24/2013 0:29	BDL	0.75	0.015244	0.39	BDL	0.34	BDL	0.27	BDL	0.07	BDL	0.37	BDL	0.69	BDL	0.7	BDL	0.39
4/24/2013 0:34	BDL	0.72	0.010457	0.4	BDL	0.29	BDL	0.27	BDL	0.04	BDL	0.15	BDL	0.75	BDL	0.57	BDL	0.34
4/24/2013 0:39	BDL	0.74	0.012284	0.39	BDL	0.31	BDL	0.32	BDL	0.07	BDL	0.16	BDL	0.74	BDL	0.71	BDL	0.35
4/24/2013 0:44	BDL	0.72	0.012626	0.37	BDL	0.34	BDL	0.29	BDL	0.02	BDL	0.34	BDL	0.76	BDL	0.82	BDL	0.36
4/24/2013 0:49	BDL	0.71	0.013564	0.48	BDL	0.31	BDL	0.3	BDL	0.01	BDL	0.12	BDL	0.73	BDL	0.47	BDL	0.3
4/24/2013 0:54	BDL	0.69	0.013536	0.5	BDL	0.33	BDL	0.36	BDL	0.05	BDL	0.27	BDL	0.73	BDL	0.22	BDL	0.31
4/24/2013 0:59	BDL	0.46	0.018401	0.37	BDL	0.39	BDL	0.27	BDL	0.07	BDL	0.67	BDL	0.73	BDL	0.56	BDL	0.42
4/24/2013 1:04	BDL	0.71	0.009962	0.4	BDL	0.32	BDL	0.34	BDL	0.03	BDL	0.17	BDL	0.79	BDL	0.28	BDL	0.37
4/24/2013 1:09	BDL	0.72	0.009924	0.41	BDL	0.26	BDL	0.32	BDL	0.07	BDL	0.09	BDL	0.8	BDL	0.47	BDL	0.34
4/24/2013 1:14	BDL	0.73	0.01062	0.31	BDL	0.29	BDL	0.41	BDL	0.03	BDL	0.55	BDL	0.8	BDL	0.73	BDL	0.39
4/24/2013 1:20	BDL	0.71	0.011853	0.42	BDL	0.34	BDL	0.33	BDL	0.1	BDL	0.42	BDL	0.82	BDL	0.54	BDL	0.41
4/24/2013 1:25	BDL	0.7	0.011038	0.49	BDL	0.32	BDL	0.38	BDL	0.02	BDL	0.06	BDL	0.83	BDL	0.37	BDL	0.35
4/24/2013 1:30	BDL	0.71	0.009584	0.39	BDL	0.26	BDL	0.35	BDL	0.12	BDL	0.2	BDL	0.81	BDL	0.32	BDL	0.35
4/24/2013 1:35	BDL	0.69	0.009744	0.19	BDL	0.3	BDL	0.27	BDL	0.18	BDL	0.27	BDL	0.83	BDL	0.61	BDL	0.4
4/24/2013 1:40	BDL	0.7	0.008177	0.4	BDL	0.27	BDL	0.39	BDL	0.18	BDL	0.12	BDL	0.83	BDL	0.39	BDL	0.38
4/24/2013 1:45	BDL	0.71	0.00955	0.44	BDL	0.26	BDL	0.3	BDL	0.17	BDL	0.21	BDL	0.83	BDL	0.51	BDL	0.35
4/24/2013 1:50	BDL	0.64	0.013696	0.27	BDL	0.38	BDL	0.31	BDL	0.11	BDL	0.22	BDL	0.93	BDL	0.61	BDL	0.41
4/24/2013 1:55	BDL	0.63	0.00921	0.24	BDL	0.31	BDL	0.35	BDL	0.02	BDL	0.23	BDL	0.97	BDL	0.36	BDL	0.33
4/24/2013 2:00	BDL	0.62	0.010419	0.28	BDL	0.23	BDL	0.22	BDL	0.04	BDL	0.18	BDL	0.98	BDL	0.37	BDL	0.27
4/24/2013 2:05	BDL	0.38	0.013336	0.28	BDL	0.31	BDL	0.22	BDL	0.07	BDL	0.36	BDL	0.99	BDL	0.78	BDL	0.35
4/24/2013 2:10	BDL	0.06	0.012425	0.41	BDL	0.3	BDL	0.24	BDL	0.08	BDL	0.07	BDL	0.99	BDL	0.48	BDL	0.26
4/24/2013 2:15	BDL	0.07	0.013151	0.45	BDL	0.25	BDL	0.18	BDL	0.03	BDL	0.2	BDL	0.99	BDL	0.31	BDL	0.25
4/24/2013 2:20	BDL	0.02	0.011973	0.37	BDL	0.29	BDL	0.16	BDL	0.08	BDL	0.25	BDL	0.99	BDL	0.49	BDL	0.28
4/24/2013 2:25	BDL	0.37	0.010422	0.35	BDL	0.27	BDL	0.21	BDL	0.05	BDL	0.18	BDL	0.99	BDL	0.39	BDL	0.3
4/24/2013 2:30	BDL	0.6	0.00923	0.26	BDL	0.29	BDL	0.17	BDL	0.08	BDL	0.15	BDL	0.98	BDL	0.56	BDL	0.36
4/24/2013 2:35	BDL	0.61	0.007789	0.22	BDL	0.29	BDL	0.21	BDL	0.05	BDL	0.2	BDL	0.98	BDL	0.58	BDL	0.33
4/24/2013 2:40	BDL	0.57	0.009509	0.19	BDL	0.35	BDL	0.23	BDL	0.09	BDL	0.29	BDL	0.98	BDL	0.7	BDL	0.37
4/24/2013 2:45	BDL	0.4	0.007724	0.25	BDL	0.32	BDL	0.26	BDL	0.1	BDL	0.18	BDL	0.99	BDL	0.33	BDL	0.31
4/24/2013 2:50	BDL	0.62	BDL	0.16	BDL	0.25	BDL	0.19	BDL	0.05	BDL	0.24	BDL	0.98	BDL	0.48	BDL	0.32
4/24/2013 2:55	BDL	0.64	BDL	0.06	BDL	0.32	BDL	0.18	BDL	0.1	BDL	0.1	BDL	0.96	BDL	0.76	BDL	0.39
4/24/2013 3:00	BDL	0.62	BDL	0.01	BDL	0.28	BDL	0.24	BDL	0.07	BDL	0.15	BDL	0.96	BDL	0.36	BDL	0.35
4/24/2013 3:05	BDL	0.65	BDL	0.06	BDL	0.24	BDL	0.27	BDL	0.09	BDL	0.14	BDL	0.97	BDL	0.61	BDL	0.32
4/24/2013 3:10	BDL	0.62	BDL	0.15	BDL	0.31	BDL	0.31	BDL	0.11	BDL	0.18	BDL	0.99	BDL	0.79	BDL	0.35
4/24/2013 3:15	BDL	0.64	BDL	0.11	BDL	0.29	BDL	0.3	BDL	0.09	BDL	0.11	BDL	0.98	BDL	0.62	BDL	0.38
4/24/2013 3:20	BDL	0.63	BDL	0.06	BDL	0.24	BDL	0.25	BDL	0.06	BDL	0.17	BDL	0.98	BDL	0.51	BDL	0.34
4/24/2013 3:25	BDL	0.64	BDL	0.08	BDL	0.25	BDL	0.24	BDL	0.1	BDL	0.12	BDL	0.97	BDL	0.67	BDL	0.36
4/24/2013 3:30	BDL	0.64	BDL	0.09	BDL	0.31	BDL	0.22	BDL	0.08	BDL	0.12	BDL	0.98	BDL	0.73	BDL	0.33
4/24/2013 3:35	BDL	0.63	BDL	0.09	BDL	0.24	BDL	0.33	BDL	0.05	BDL	0.17	BDL	0.98	BDL	0.46	BDL	0.33
4/24/2013 3:40	BDL	0.66	BDL	0.09	BDL	0.28	BDL	0.25	BDL	0.05	BDL	0.09	BDL	0.98	BDL	0.35	BDL	0.34
4/24/2013 3:45	BDL	0.62	BDL	0.09	BDL	0.32	BDL	0.2	BDL	0.05	BDL	0.17	BDL	0.99	BDL	0.8	BDL	0.36
4/24/2013 3:50	BDL	0.63	BDL	0.04	BDL	0.25	BDL	0.24	BDL	0.05	BDL	0.17	BDL	0.98	BDL	0.3	BDL	0.33
4/24/2013 3:55	BDL	0.61	BDL	0.12	BDL	0.27	BDL	0.21	BDL	0.05	BDL	0.14	BDL	0.99	BDL	0.5	BDL	0.37
4/24/2013 4:00	BDL	0.57	BDL	0.09	BDL	0.32	BDL	0.26	BDL	0.07	BDL	0.25	BDL	0.99	BDL	0.8	BDL	0.36
4/24/2013 4:05	BDL	0.5	BDL	0.08	BDL	0.26	BDL	0.24	BDL	0.04	BDL	0.17	BDL	0.99	BDL	0.45	BDL	0.33
4/24/2013 4:10	BDL	0.48	0.006551	0.17	BDL	0.3	BDL	0.26	BDL	0.07	BDL	0.08	BDL	0.99	BDL	0.41	BDL	0.3
4/24/2013 4:15	BDL	0.51	0.007998	0.1	BDL	0.34	BDL	0.23	BDL	0.05	BDL	0.29	BDL	0.99	BDL	0.71	BDL	0.39
4/24/2013 4:20	BDL	0.02	0.007197	0.2	BDL	0.2	BDL	0.23	BDL	0.06	BDL	0.2	BDL	0.99	BDL	0.37	BDL	0.31
4/24/2013 4:25	BDL	0.58	0.00517	0.09	BDL	0.27	BDL	0.23	BDL	0.06	BDL	0.19	BDL	0.99	BDL	0.64	BDL	0.36
4/24/2013 4:30	BDL	0.55	0.006261	0.1	BDL	0.31	BDL	0.29	BDL	0.08	BDL	0.15	BDL	0.99	BDL	0.68	BDL	0.38
4/24/2013 4:35	BDL	0.4	0.006313	0.15	BDL	0.26	BDL	0.22	BDL	0.06	BDL	0.14	BDL	0.99	BDL	0.36	BDL	0.35
4/24/2013 4:41	BDL	0.14	0.008212	0.17	BDL	0.26	BDL	0.26	BDL	0.08	BDL	0.2	BDL	0.99	BDL	0.85	BDL	0.37
4/24/2013 4:46	BDL	0.03	0.006597	0.15	BDL	0.24	BDL	0.32	BDL	0.04	BDL	0.16	BDL	0.99	BDL	0.74	BDL	0.32
4/24/2013 4:51	BDL	0.04	0.008096	0.22	BDL	0.25	BDL	0.25	BDL	0.04	BDL	0.2	BDL	0.99	BDL	0.42	BDL	0.31
4/24/2013 4:56	BDL	0.03	0.007989	0.19	BDL	0.31	BDL	0.28	BDL	0.05	BDL	0.19	BDL	0.99	BDL	0.6	BDL	0.31
4/24/2013 5:01	BDL	0.01	0.008142	0.18	BDL	0.29	BDL	0.27	BDL	0.05	BDL	0.14	BDL	0.99	BDL	0.81	BDL	0.33
4/24/2013 5:06	BDL	0.08	0.007498	0.19	BDL	0.22	BDL	0.24	BDL	0.03	BDL	0.19	BDL	0.99	BDL	0.26	BDL	0.29
4/24/2013 5:11	BDL	0.29	0.007071	0.17	BDL	0.32	BDL	0.26	BDL	0.05	BDL	0.12	BDL	0.99	BDL	0.59	BDL	0.32
4/24/2013 5:16	BDL	0.07	0.009044	0.16	BDL	0.29	BDL	0.31	BDL	0.06	BDL	0.4	BDL	0.99	BDL	0.76	BDL	0.37
4/24/2013 5:21	BDL	0.09	0.007853	0.23	BDL	0.21	BDL	0.31	BDL	0.02	BDL	0.17	BDL	0.99	BDL	0.29	BDL	0.28
4/24/2013 5:26	BDL	0.02	0.007702	0.21	BDL	0.18	BDL	0.33	BDL	0.03	BDL	0.28	BDL	0.99	BDL	0.4	BDL	0.29
4/24/2013 5:31	BDL	0.31	0.009254	0.15	BDL	0.27	BDL	0.31	BDL	0.06	BDL	0.41	BDL	0.99	BDL	0.42	BDL	0.36
4/24/2013 5:36	BDL	0.4	0.005676	0.12	BDL	0.2	BDL	0.24	BDL	0.03	BDL	0.26	BDL	0.99	BDL	0.58	BDL	0.28
4/24/2013 5:41	BDL	0.07	0.00834	0.21	BDL	0.18	BDL	0.26	BDL	0.03	BDL	0.33	BDL	0.99	BDL	0.64	BDL	0.27
4/24/2013 5:46	BDL	0.17	0.008495	0.17	BDL	0.27	BDL	0.29	BDL	0.02	BDL	0.31	BDL	0.99	BDL	0.8	BDL	0.35
4/24/2013 5:51	BDL	0.17	0.007334	0.18	BDL	0.19	BDL	0.25	BDL	0.02	BDL	0.23	BDL	0.99	BDL	0.54	BDL	0.27
4/24/2013 5:56	BDL	0.09	0.009819	0.18	BDL	0.22	BDL	0.34	BDL	0.01	BDL	0.29	BDL	0.99	BDL	0.69	BDL	0.28
4/24/2013 6:01	BDL	0.05	0.007444	0.19	BDL	0.14	BDL	0.27	BDL	0.02	BDL	0.25	BDL	0.99	BDL	0.34	BDL	0.28
4/24/2013 6:06	BDL	0.04	0.008214	0.19	BDL	0.17	BDL	0.33	BDL	0.01	BDL	0.19	BDL	0.99	BDL	0.96	BDL	0.31
4/24/2013 6:11	BDL	0.04	0.007089	0.16	BDL	0.18	BDL	0.25	BDL	0.01	BDL	0.18	BDL	0.99	BDL	0.31	BDL	0.27
4/24/2013 6:16	BDL	0.03	0.006964	0.16	BDL	0.18	BDL	0.25	BDL	0.01	BDL	0.26	BDL	0.99	BDL	0.56	BDL	0.3
4/24/2013 6:21	BDL	0.26	0.006164	0.1	BDL	0.22	BDL	0.26	BDL	0.03	BDL	0.21	BDL	0.99	BDL	0.74	BDL	0.31
4/24/2013 6:26	BDL	0.02	0.008308	0.23	BDL	0.16	BDL	0.25	BDL	0.03	BDL	0.12	BDL	0.99	BDL	0.39	BDL	0.22
4/24/2013 6:31	BDL	0.44	0.006253	0.07	BDL	0.26	BDL	0.23	BDL	0.02	BDL	0.2	BDL	0.99	BDL	0.82	BDL	0.38
4/24/2013 6:36	BDL	0.21	0.005523	0.11	BDL	0.24	BDL	0.28	BDL	0.02	BDL	0.28	BDL	0.99	BDL	0.53	BDL	0.23
4/24/2013 6:41	BDL	0.08	0.007359	0.15	BDL	0.2	BDL	0.31	BDL	0.02	BDL	0.19	BDL	0.99	BDL	0.79	BDL	0.29
4/24/2013 6:46	BDL	0.12	0.007518	0.18	BDL	0.09	BDL	0.29	BDL	0.01	BDL	0.22	BDL	0.99	BDL	0.72	BDL	0.2
4/24/2013 6:51	BDL	0.02	0.006638	0.16	BDL	0.17	BDL	0.23	BDL	0.03	BDL	0.17	BDL	0.99	BDL	0.28	BDL	0.23
4/24/2013 7:02	BDL	0.49	0.013195	0.38	BDL	0.31	BDL	0.25	BDL	0.02	BDL	0.54	BDL	0.88	BDL	0.75	BDL	0.38
4/24/2013 7:07	BDL	0.68	0.01053	0.34	BDL	0.28	BDL	0.2	BDL	0.07	BDL	0.25	BDL	0.86	BDL	0.64	BDL	0.37
4/24/2013 7:12	BDL	0.69	0.008621	0.23	BDL	0.27	BDL	0.26	BDL	0.06	BDL	0.28	BDL	0.85	BDL	0.68	BDL	0.37
4/24/2013 7:17	BDL	0.66	0.007627	0.12	BDL	0.29	BDL	0.15	BDL	0.03	BDL	0.2	BDL	0.85	BDL	0.64	BDL	0.37
4/24/2013 7:22	BDL	0.62	BDL	0.12	BDL	0.26	BDL	0.15	BDL	0.02	BDL	0.23	BDL	0.84	BDL	0.35	BDL	0.35
4/24/2013 7:27	BDL	0.64	BDL	0.03	BDL	0.29	BDL	0.15	BDL	0.02	BDL	0.21	BDL	0.84	BDL	0.76	BDL	0.34
4/24/2013 7:32	BDL	0.63	BDL	0.03	BDL	0.29	BDL	0.14	BDL	0.05	BDL	0.24	BDL	0.84	BDL	0.47	BDL	0.36
4/24/2013 7:37	BDL	0.67	BDL	0.15	BDL	0.3	BDL	0.17	BDL	0.02	BDL	0.23	BDL	0.86	BDL	0.58	BDL	0.35
4/24/2013 7:42	BDL	0.63	BDL	0.09	BDL	0.29	BDL	0.13	BDL	0.04	BDL	0.24	BDL	0.85	BDL	0.64	BDL	0.35
4/24/2013 7:48	BDL	0.59	BDL	0.04	BDL	0.29	BDL	0.19	BDL	0.06	BDL	0.18	BDL	0.85	BDL	0.33	BDL	0.35
4/24/2013 8:22	BDL	0.61	BDL	0.03	BDL	0.29	BDL	0.22	BDL	0.03	BDL	0.08	BDL	0.93	BDL	0.7	BDL	0.42
4/24/2013 8:27	BDL	0.61	BDL	0.05	BDL	0.25	BDL	0.28	BDL	0.02	BDL	0.21	BDL	0.93	BDL	0.53	BDL	0.33
4/24/2013 8:32	BDL	0.61	BDL	0.03	BDL	0.24	BDL	0.26	BDL	0.05	BDL	0.15	BDL	0.92	BDL	0.65	BDL	0.35
4/24/2013 8:37	BDL	0.63	BDL	0.11	BDL	0.23	BDL	0.22	BDL	0.08	BDL	0.11	BDL	0.93	BDL	0.65	BDL	0.37
4/24/2013 8:42	BDL	0.6	BDL	0.05	BDL	0.24	BDL	0.2	BDL	0.08	BDL	0.16	BDL	0.9	BDL	0.33	BDL	0.36
4/24/2013 8:47	BDL	0.62	BDL	0.04	BDL	0.24	BDL	0.33	BDL	0.05	BDL	0.22	BDL	0.9	BDL	0.8	BDL	0.33
4/24/2013 8:52	BDL	0.62	BDL	0.12	BDL	0.25	BDL	0.2	BDL	0.04	BDL	0.11	BDL	0.89	BDL	0.69	BDL	0.37
4/24/2013 8:57	BDL	0.64	BDL	0.08	BDL	0.24	BDL	0.24	BDL	0.02	BDL	0.07	BDL	0.9	BDL	0.77	BDL	0.37
4/24/2013 9:02	BDL	0.64	BDL	0.15	BDL	0.24	BDL	0.26	BDL	0.06	BDL	0.09	BDL	0.89	BDL	0.57	BDL	0.34
4/24/2013 9:07	BDL	0.64	BDL	0.12	BDL	0.24	BDL	0.3	BDL	0.05	BDL	0.18	BDL	0.88	BDL	0.58	BDL	0.35
4/24/2013 9:45	BDL	0.64	BDL	0.05	BDL	0.32	BDL	0.35	BDL	0.11	BDL	0.42	BDL	0.72	BDL	0.46	BDL	0.38
4/24/2013 9:51	BDL	0.64	BDL	0.04	BDL	0.28	BDL	0.28	BDL	0.15	BDL	0.39	BDL	0.73	BDL	0.42	BDL	0.34
4/24/2013 9:52	BDL	0.63	BDL	0.15	BDL	0.26	BDL	0.17	BDL	0.11	0.003937	0.39	BDL	0.68	BDL	0.53	BDL	0.3
4/24/2013 9:53	BDL	0.67	BDL	0.04	BDL	0.28	BDL	0.06	BDL	0.06	BDL	0.26	BDL	0.72	BDL	0.49	BDL	0.33
4/24/2013 9:54	BDL	0.64	BDL	0.04	BDL	0.24	BDL	0.48	BDL	0.16	BDL	0.4	BDL	0.73	BDL	0.32	BDL	0.32
4/24/2013 9:54	BDL	0.61	0.005997	0.23	BDL	0.27	BDL	0.34	BDL	0.18	BDL	0.24	BDL	0.71	BDL	0.18	BDL	0.25
4/24/2013 9:55	BDL	0.48	0.004299	0.1	BDL	0.27	BDL	0.15	BDL	0.33	BDL	0.24	BDL	0.7	BDL	0.58	BDL	0.3
4/24/2013 9:55	BDL	0.59	0.005131	0.17	BDL	0.32	BDL	0.32	BDL	0.17	BDL	0.09	BDL	0.71	BDL	0.35	BDL	0.31
4/24/2013 9:56	BDL	0.55	0.005784	0.17	BDL	0.3	BDL	0.22	BDL	0.12	BDL	0.16	BDL	0.7	BDL	0.27	BDL	0.21
4/24/2013 9:56	BDL	0.63	0.004722	0.15	BDL	0.25	BDL	0.26	BDL	0.13	BDL	0.29	BDL	0.71	BDL	0.32	BDL	0.29
4/24/2013 9:57	BDL	0.64	0.003483	0.08	BDL	0.29	BDL	0.22	BDL	0.09	BDL	0.31	BDL	0.71	BDL	0.51	BDL	0.3
4/24/2013 9:57	BDL	0.68	0.003232	0.06	BDL	0.27	BDL	0.06	BDL	0.07	BDL	0.34	BDL	0.72	BDL	0.5	BDL	0.28
4/24/2013 9:58	BDL	0.67	0.005163	0.18	BDL	0.32	BDL	0.31	BDL	0.16	0.004901	0.32	BDL	0.71	BDL	0.56	BDL	0.28
4/24/2013 10:00	BDL	0.61	0.005607	0.09	BDL	0.29	BDL	0.27	BDL	0.16	BDL	0.14	BDL	0.71	BDL	0.46	BDL	0.4
4/24/2013 10:01	BDL	0.63	0.007586	0.17	BDL	0.33	BDL	0.31	BDL	0.15	BDL	0.24	BDL	0.71	BDL	0.58	BDL	0.44
4/24/2013 10:01	BDL	0.65	0.006217	0.11	BDL	0.37	BDL	0.1	BDL	0.01	BDL	0.14	BDL	0.71	BDL	0.5	BDL	0.39
4/24/2013 10:02	BDL	0.64	0.004398	0.12	BDL	0.35	BDL	0.07	BDL	0.16	BDL	0.54	BDL	0.72	BDL	0.52	BDL	0.43

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Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/24/2013 10:02	titan3	43	100	150	199	8290.724	Titan1-164	BDL	0.21	BDL	0.84	BDL	0.23	BDL	0.08	BDL	0.4	BDL	0.25	BDL	0.01	BDL	0.12	BDL	0.45	BDL	0.1	0.001717	0.15	0.048494	0.93	BDL	0.15	BDL	0.61	0.004402	0.15	BDL	0.27	BDL	0.31	BDL	0.13	BDL	0.11	BDL	0.71	BDL	0.27	BDL	0.35
4/24/2013 10:03	titan3	44	100	150	199	8286.582	Titan1-164	BDL	0.22	BDL	0.85	BDL	0.27	BDL	0.11	BDL	0.2	BDL	0.2	BDL	0.01	BDL	0.11	BDL	0.44	BDL	0.07	0.002858	0.46	0.095553	0.95	BDL	0.17	BDL	0.64	0.004846	0.17	BDL	0.33	BDL	0.17	BDL	0.06	BDL	0.34	BDL	0.72	BDL	0.43	BDL	0.44
4/24/2013 10:03	titan3	45	100	150	200	8373.679	Titan1-164	BDL	0.21	BDL	0.86	BDL	0.3	BDL	0.21	BDL	0.1	BDL	0.18	BDL	0.15	BDL	0.05	BDL	0.43	BDL	0.08	0.002014	0.19	0.132583	0.96	BDL	0.18	BDL	0.66	0.002978	0.08	BDL	0.3	BDL	0.19	BDL	0.08	BDL	0.33	BDL	0.73	BDL	0.62	BDL	0.34
4/24/2013 10:04	titan3	46	100	150	201	8344.089	Titan1-164	BDL	0.2	BDL	0.84	BDL	0.23	BDL	0.11	BDL	0.5	BDL	0.35	BDL	0.02	BDL	0.18	BDL	0.38	BDL	0.08	0.001593	0.11	0.044	0.94	BDL	0.17	BDL	0.56	0.004478	0.14	BDL	0.27	BDL	0.13	BDL	0.05	BDL	0.14	BDL	0.73	BDL	0.65	BDL	0.38
4/24/2013 10:05	titan3	47	100	150	200	8363.16	Titan1-164	BDL	0.22	BDL	0.84	BDL	0.18	BDL	0.2	BDL	0.5	BDL	0.22	BDL	0.03	BDL	0.33	BDL	0.41	BDL	0.07	0.00128	0.11	0.031374	0.91	BDL	0.16	BDL	0.58	BDL	0.13	BDL	0.21	BDL	0.15	BDL	0.09	BDL	0.48	BDL	0.72	BDL	0.63	BDL	0.32
4/24/2013 10:05	titan3	48	100	150	201	8365.09	Titan1-164	BDL	0.21	BDL	0.84	BDL	0.17	BDL	0.19	BDL	0.6	BDL	0.19	BDL	0.01	BDL	0.13	BDL	0.4	BDL	0.08	0.000826	0.06	0.020969	0.92	BDL	0.16	BDL	0.64	BDL	0.12	BDL	0.21	BDL	0.12	BDL	0.18	BDL	0.28	BDL	0.72	BDL	0.77	BDL	0.48
4/24/2013 10:06	titan3	49	100	150	1989	8343.243	Titan1-164	BDL	0.22	BDL	0.86	BDL	0.28	BDL	0.2	BDL	0.2	BDL	0.18	BDL	0.11	BDL	0.42	BDL	0.44	BDL	0.13	0.001725	0.35	0.094666	0.96	BDL	0.16	BDL	0.74	BDL	0.07	BDL	0.29	BDL	0.19	BDL	0.02	BDL	0.52	BDL	0.73	BDL	0.39	BDL	0.38
4/24/2013 10:11	titan3	50	100	150	1990	8382.257	Titan1-164	BDL	0.23	BDL	0.86	BDL	0.28	BDL	0.11	BDL	0.2	BDL	0.25	BDL	0.2	BDL	0.42	BDL	0.43	BDL	0.14	0.001659	0.34	0.092043	0.96	BDL	0.16	BDL	0.76	BDL	0.04	BDL	0.26	BDL	0.28	BDL	0.03	BDL	0.31	BDL	0.69	BDL	0.34	BDL	0.36
4/24/2013 10:17	titan3	51	100	150	1991	8395.518	Titan1-164	BDL	0.23	BDL	0.87	BDL	0.3	BDL	0.09	BDL	0.1	BDL	0.19	BDL	0.13	BDL	0.44	BDL	0.48	BDL	0.15	0.001433	0.26	0.153366	0.97	BDL	0.17	BDL	0.79	BDL	0.04	BDL	0.26	BDL	0.27	BDL	0.03	BDL	0.26	BDL	0.69	BDL	0.59	BDL	0.37
4/24/2013 10:22	titan3	52	100	150	1986	8673.593	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.3	BDL	0.08	BDL	0.1	BDL	0.19	BDL	0.12	BDL	0.43	BDL	0.49	BDL	0.16	0.001816	0.27	0.191258	0.97	BDL	0.18	BDL	0.78	BDL	0.12	BDL	0.31	BDL	0.29	BDL	0.03	BDL	0.32	BDL	0.72	BDL	0.63	BDL	0.35
4/24/2013 10:27	titan3	53	100	150	1987	8992.377	Titan1-164	BDL	0.2	BDL	0.86	BDL	0.28	BDL	0.04	BDL	0.3	BDL	0.24	BDL	0.33	BDL	0.43	BDL	0.5	BDL	0.14	0.001133	0.23	0.084692	0.96	BDL	0.16	BDL	0.7	BDL	0.04	BDL	0.28	BDL	0.19	BDL	0.01	BDL	0.2	BDL	0.73	BDL	0.25	BDL	0.36
4/24/2013 10:32	titan3	54	100	150	1991	8959.388	Titan1-164	BDL	0.19	BDL	0.86	BDL	0.27	BDL	0.04	BDL	0.3	BDL	0.19	BDL	0.17	BDL	0.51	BDL	0.5	BDL	0.15	0.000628	0.1	0.094403	0.97	BDL	0.16	BDL	0.78	0.004008	0.2	BDL	0.3	BDL	0.26	BDL	0.05	BDL	0.06	BDL	0.71	BDL	0.46	BDL	0.35
4/24/2013 10:37	titan3	55	100	150	1988	9094.472	Titan1-164	BDL	0.18	BDL	0.87	BDL	0.28	BDL	0.06	BDL	0.2	BDL	0.18	BDL	0.2	BDL	0.54	BDL	0.5	BDL	0.17	0.001167	0.31	0.106382	0.98	BDL	0.16	BDL	0.76	0.003756	0.15	BDL	0.27	BDL	0.26	BDL	0.03	BDL	0.16	BDL	0.74	BDL	0.51	BDL	0.35
4/24/2013 10:42	titan3	56	100	150	1990	9348.034	Titan1-164	BDL	0.18	BDL	0.87	BDL	0.3	BDL	0.18	BDL	0.1	BDL	0.2	BDL	0.32	BDL	0.37	BDL	0.49	BDL	0.11	0.001421	0.28	0.173649	0.97	BDL	0.15	BDL	0.72	0.003712	0.11	BDL	0.29	BDL	0.27	BDL	0.09	BDL	0.16	BDL	0.74	BDL	0.63	BDL	0.39
4/24/2013 10:47	titan3	57	100	150	1989	9254.071	Titan1-164	BDL	0.16	BDL	0.86	BDL	0.25	BDL	0.08	BDL	0.5	BDL	0.19	BDL	0.17	BDL	0.47	BDL	0.5	BDL	0.13	0.000707	0.1	0.059849	0.98	BDL	0.15	BDL	0.75	0.004133	0.19	BDL	0.3	BDL	0.33	BDL	0.07	BDL	0.17	BDL	0.77	BDL	0.49	BDL	0.35
4/24/2013 10:52	titan3	58	100	150	1986	9298.316	Titan1-164	BDL	0.16	BDL	0.86	BDL	0.25	BDL	0.07	BDL	0.4	BDL	0.19	BDL	0.27	BDL	0.43	BDL	0.5	BDL	0.14	0.001267	0.31	0.065491	0.98	BDL	0.14	BDL	0.75	0.003431	0.13	BDL	0.31	BDL	0.26	BDL	0.08	BDL	0.32	BDL	0.78	BDL	0.63	BDL	0.36
4/24/2013 10:57	titan3	59	100	150	1990	9050.998	Titan1-164	BDL	0.16	BDL	0.86	BDL	0.29	BDL	0.14	BDL	0.2	BDL	0.22	BDL	0.26	BDL	0.45	BDL	0.5	BDL	0.12	0.00093	0.24	0.115554	0.94	BDL	0.13	BDL	0.73	0.004145	0.1	BDL	0.31	BDL	0.22	BDL	0.18	BDL	0.1	BDL	0.78	BDL	0.62	BDL	0.38
4/24/2013 11:02	titan3	60	100	150	1988	9115.61	Titan1-164	BDL	0.16	BDL	0.88	BDL	0.3	BDL	0.15	BDL	0.1	BDL	0.14	BDL	0.37	BDL	0.44	BDL	0.49	BDL	0.14	0.001303	0.22	0.162068	0.97	BDL	0.17	BDL	0.71	0.002646	0.07	BDL	0.28	BDL	0.2	BDL	0.05	BDL	0.25	BDL	0.81	BDL	0.43	BDL	0.34
4/24/2013 11:07	titan3	61	100	150	1990	9530.227	Titan1-164	BDL	0.16	BDL	0.87	BDL	0.29	BDL	0.08	BDL	0.2	BDL	0.23	BDL	0.36	BDL	0.41	BDL	0.49	BDL	0.12	0.000828	0.21	0.12539	0.97	BDL	0.15	BDL	0.73	0.003753	0.14	BDL	0.27	BDL	0.34	BDL	0.01	BDL	0.39	BDL	0.81	BDL	0.25	BDL	0.34
4/24/2013 11:12	titan3	62	100	150	1987	9529.834	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.29	BDL	0.07	BDL	0.2	BDL	0.21	BDL	0.41	BDL	0.42	BDL	0.5	BDL	0.12	0.001543	0.25	0.137558	0.98	BDL	0.16	BDL	0.72	0.003877	0.16	BDL	0.27	BDL	0.28	BDL	0.06	BDL	0.32	BDL	0.81	BDL	0.32	BDL	0.36
4/24/2013 11:17	titan3	63	100	150	1986	9602.61	Titan1-164	BDL	0.17	BDL	0.87	BDL	0.28	BDL	0.05	BDL	0.3	BDL	0.17	BDL	0.38	BDL	0.5	BDL	0.5	BDL	0.12	0.001342	0.15	0.11457	0.97	BDL	0.15	BDL	0.72	0.004351	0.21	BDL	0.26	BDL	0.23	BDL	0.05	BDL	0.28	BDL	0.82	BDL	0.48	BDL	0.38
4/24/2013 11:22	titan3	64	100	150	1988	9670.197	Titan1-164	BDL	0.17	BDL	0.87	BDL	0.29	BDL	0.12	BDL	0.2	BDL	0.19	BDL	0.31	BDL	0.52	BDL	0.5	BDL	0.1	0.001168	0.09	0.142217	0.96	BDL	0.15	BDL	0.74	0.005525	0.25	BDL	0.25	BDL	0.26	BDL	0.03	BDL	0.22	BDL	0.82	BDL	0.51	BDL	0.37
4/24/2013 11:27	titan3	65	100	150	1986	9747.541	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.3	BDL	0.11	BDL	0.1	BDL	0.16	BDL	0.42	BDL	0.53	BDL	0.49	BDL	0.11	0.001691	0.44	0.20254	0.97	BDL	0.17	BDL	0.68	0.003995	0.14	BDL	0.27	BDL	0.25	BDL	0.03	BDL	0.3	BDL	0.83	BDL	0.34	BDL	0.39
4/24/2013 11:32	titan3	66	100	150	1986	9887.479	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.31	BDL	0.05	BDL	0.1	BDL	0.16	BDL	0.38	BDL	0.54	BDL	0.49	BDL	0.09	0.002213	0.46	0.246204	0.96	BDL	0.17	BDL	0.71	0.003464	0.13	BDL	0.24	BDL	0.19	BDL	0.11	BDL	0.29	BDL	0.81	BDL	0.8	BDL	0.38
4/24/2013 11:37	titan3	67	100	150	1986	8357.113	Titan1-164	BDL	0.17	BDL	0.86	BDL	0.25	BDL	0.1	BDL	0.5	BDL	0.18	BDL	0.37	BDL	0.54	BDL	0.52	BDL	0.09	0.000897	0.03	0.070322	0.97	BDL	0.15	BDL	0.73	0.004691	0.21	BDL	0.25	BDL	0.16	BDL	0.1	BDL	0.2	BDL	0.83	BDL	0.4	BDL	0.37
4/24/2013 11:42	titan3	68	100	150	1993	9392.303	Titan1-164	BDL	0.17	BDL	0.87	BDL	0.28	BDL	0.13	BDL	0.3	BDL	0.2	BDL	0.35	BDL	0.47	BDL	0.51	BDL	0.09	0.000832	0.03	0.103757	0.94	BDL	0.14	BDL	0.75	0.0054	0.34	BDL	0.24	BDL	0.2	BDL	0.1	BDL	0.24	BDL	0.82	BDL	0.45	BDL	0.34
4/24/2013 11:47	titan3	69	100	150	2001	6658.995	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.3	BDL	0.12	BDL	0.1	BDL	0.1	BDL	0.41	BDL	0.55	BDL	0.52	BDL	0.1	0.001835	0.32	0.214582	0.97	BDL	0.18	BDL	0.66	BDL	0.05	BDL	0.25	BDL	0.21	BDL	0.12	BDL	0.2	BDL	0.81	BDL	0.46	BDL	0.36
4/24/2013 11:52	titan3	70	100	150	2000	9814.865	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.3	BDL	0.07	BDL	0.2	BDL	0.16	BDL	0.37	BDL	0.49	BDL	0.49	BDL	0.09	0.001072	0.08	0.166262	0.95	BDL	0.15	BDL	0.74	0.004245	0.2	BDL	0.25	BDL	0.13	BDL	0.09	BDL	0.31	BDL	0.82	BDL	0.63	BDL	0.37
4/24/2013 11:57	titan3	71	100	150	2000	9545.484	Titan1-164	BDL	0.18	BDL	0.87	BDL	0.27	BDL	0.1	BDL	0.4	BDL	0.17	BDL	0.41	BDL	0.54	BDL	0.51	BDL	0.1	BDL	0.03	0.096558	0.97	BDL	0.16	BDL	0.72	0.004101	0.19	BDL	0.27	BDL	0.15	BDL	0.05	BDL	0.18	BDL	0.83	BDL	0.34	BDL	0.38
4/24/2013 12:02	titan3	72	100	150	2000	9952.719	Titan1-164	BDL	0.16	BDL	0.86	BDL	0.24	BDL	0.08	BDL	0.6	BDL	0.18	BDL	0.2	BDL	0.48	BDL	0.5	BDL	0.1	BDL	0.03	0.051823	0.95	BDL	0.14	BDL	0.77	0.006473	0.4	BDL	0.26	BDL	0.21	BDL	0.03	0.002718	0.42	BDL	0.82	BDL	0.46	BDL	0.34
4/24/2013 12:07	titan3	73	100	150	2000	9931.255	Titan1-164	BDL	0.17	BDL	0.87	BDL	0.28	BDL	0.12	BDL	0.3	BDL	0.17	BDL	0.38	BDL	0.52	BDL	0.49	BDL	0.1	BDL	0.02	0.103136	0.97	BDL	0.17	BDL	0.72	0.004492	0.22	BDL	0.26	BDL	0.12	BDL	0.13	BDL	0.15	BDL	0.82	BDL	0.24	BDL	0.35
4/24/2013 12:12	titan3	74	100	150	2001	9881.638	Titan1-164	BDL	0.17	BDL	0.87	BDL	0.26	BDL	0.05	BDL	0.4	BDL	0.14	BDL	0.32	BDL	0.53	BDL	0.5	BDL	0.1	BDL	0.01	0.090005	0.98	BDL	0.15	BDL	0.74	0.004644	0.3	BDL	0.25	BDL	0.23	BDL	0.09	BDL	0.14	BDL	0.82	BDL	0.44	BDL	0.39
4/24/2013 12:17	titan3	75	100	150	2000	9409.082	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.29	BDL	0.05	BDL	0.2	BDL	0.13	BDL	0.41	BDL	0.58	BDL	0.5	BDL	0.09	0.001267	0.35	0.144628	0.97	BDL	0.17	BDL	0.65	BDL	0.13	BDL	0.27	BDL	0.17	BDL	0.1	BDL	0.2	BDL	0.8	BDL	0.29	BDL	0.36
4/24/2013 12:22	titan3	76	100	150	1999	9519.741	Titan1-164	BDL	0.2	BDL	0.86	BDL	0.32	BDL	0.07	BDL	0	BDL	0.08	BDL	0.39	BDL	0.59	BDL	0.48	BDL	0.1	0.002922	0.32	0.397322	0.96	BDL	0.22	BDL	0.65	BDL	0.34	BDL	0.25	BDL	0.18	BDL	0.07	BDL	0.29	BDL	0.8	BDL	0.53	BDL	0.36
4/24/2013 12:27	titan3	77	100	150	2000	10093.74	Titan1-164	BDL	0.21	BDL	0.84	BDL	0.32	BDL	0.07	BDL	0.0	BDL	0.1	BDL	0.42	BDL	0.51	BDL	0.45	BDL	0.09	0.004426	0.21	0.499452	0.96	BDL	0.21	BDL	0.62	BDL	0.56	BDL	0.25	BDL	0.13	BDL	0.06	BDL	0.24	BDL	0.8	BDL	0.62	BDL	0.37
4/24/2013 12:32	titan3	78	100	150	2000	9593.296	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.29	BDL	0.14	BDL	0.3	BDL	0.17	BDL	0.37	BDL	0.57	BDL	0.5	BDL	0.1	BDL	0	0.133322	0.97	BDL	0.18	BDL	0.7	0.002922	0.19	BDL	0.25	BDL	0.22	BDL	0.05	BDL	0.16	BDL	0.85	BDL	0.41	BDL	0.36
4/24/2013 12:37	titan3	79	100	150	2001	9648.597	Titan1-164	BDL	0.18	BDL	0.87	BDL	0.26	BDL	0.03	BDL	0.5	BDL	0.18	BDL	0.33	BDL	0.5	BDL	0.5	BDL	0.1	BDL	0	0.069802	0.97	BDL	0.15	BDL	0.7	0.002732	0.15	BDL	0.27	BDL	0.24	BDL	0.16	BDL	0.22	BDL	0.84	BDL	0.53	BDL	0.39
4/24/2013 12:42	titan3	80	100	150	1999	9821.303	Titan1-164	BDL	0.16	BDL	0.86	BDL	0.17	BDL	0.1	BDL	0.7	BDL	0.18	BDL	0.28	BDL	0.49	BDL	0.5	BDL	0.09	BDL	0.01	0.025463	0.97	BDL	0.14	BDL	0.72	0.004254	0.33	BDL	0.23	BDL	0.2	BDL	0.06	BDL	0.29	BDL	0.86	BDL	0.47	BDL	0.33
4/24/2013 13:23	titan4	1	100	150	1971	10906.28	Titan1-164	BDL	0.25	BDL	0.85	BDL	0.29	BDL	0.05	BDL	0.3	BDL	0.22	BDL	0.25	BDL	0.53	BDL	0.48	BDL	0.12	BDL	0.04	0.042206	0.98	BDL	0.06	BDL	0.68	0.0032995	0.15	BDL	0.26	BDL	0.23	BDL	0.2	BDL	0.37	BDL	0.68	BDL	0.47	BDL	0.33
4/24/2013 13:30	titan4	2	100	124	479	13817.27	Titan1-164	BDL	0.27	BDL	0.88	BDL	0.32	BDL	0.15	BDL	0	BDL	0.2	BDL	0.45	BDL	0.43	BDL	0.44	BDL	0.11	0.002629	0.57	0.213417	0.98	BDL	0.23	BDL	0.64	BDL	0.08	BDL	0.24	BDL	0.21	BDL	0.05	BDL	0.23	BDL	0.61	BDL	0.42	BDL	0.32
4/24/2013 13:31	titan4	3	100	124	484	12954.94	Titan1-164	BDL	0.26	BDL	0.89	BDL	0.32	BDL	0.16	BDL	0	BDL	0.1	BDL	0.46	BDL	0.48	BDL	0.45	BDL	0.11	0.002784	0.64	0.209614	0.98	BDL	0.23	BDL	0.64	BDL	0.1	BDL	0.24	BDL	0.24	BDL	0.11	BDL	0.21	BDL	0.69	BDL	0.48	BDL	0.36
4/24/2013 13:32	titan4	4	100	124	480	11742.32	Titan1-164	BDL	0.28	BDL	0.86	BDL	0.28	BDL	0.09	BDL	0.4	BDL	0.1	BDL	0.12	BDL	0.45	BDL	0.32	BDL	0.16	BDL	0.22	0.058204	0.98	BDL	0.2	BDL	0.48	0.005256	0.35	BDL	0.33	BDL	0.32	BDL	0.1	BDL	0.18	BDL	0.73	BDL	0.35	BDL	0.36
4/24/2013 13:33	titan4	5	100	124	480	11396.21	Titan1-164	BDL	0.32	BDL	0.86	BDL	0.27	BDL	0.07	BDL	0.5	BDL	0.18	BDL	0.25	BDL	0.48	BDL	0.47	BDL	0.15	0.001136	0.05	0.040708	0.98	BDL	0.18	BDL	0.13	0.006829	0.41	BDL	0.4	BDL	0.31	BDL	0.35	BDL	0.14	BDL	0.64	BDL	0.39	BDL	0.28
4/24/2013 13:34	titan4	6	100	124	480	11184.12	Titan1-164	BDL	0.28	BDL	0.88	BDL	0.31	BDL	0.13	BDL	0.1	BDL	0.16	BDL	0.36	BDL	0.56	BDL	0.47	BDL	0.12	0.001688	0.36	0.125863	0.98	BDL	0.19	BDL	0.61	0.002434	0.08	BDL	0.29	BDL	0.18	BDL	0.22	BDL	0.19	BDL	0.7	BDL	0.4	BDL	0.34
4/24/2013 13:35	titan4	7	100	124	483	11852.75	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.26	BDL	0.1	BDL	0.5	BDL	0.13	BDL	0.16	BDL	0.62	BDL	0.46	BDL	0.12	0.001252	0.22	0.03126	0.98	BDL	0.16	BDL	0.59	0.005404	0.33	BDL	0.29	BDL	0.33	BDL	0.26	BDL	0.31	BDL	0.7	BDL	0.44	BDL	0.31
4/24/2013 13:36	titan4	8	100	124	481	10776.57	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.22	BDL	0.12	BDL	0.6	BDL	0.14	BDL	0.19	BDL	0.61	BDL	0.13	BDL	0.12	BDL	0.07	0.027402	0.98	BDL	0.15	BDL	0.63	0.004291	0.23	BDL	0.33	BDL	0.26	BDL	0.15	BDL	0.18	BDL	0.71	BDL	0.57	BDL	0.33
4/24/2013 13:37	titan4	9	100	124	480	11091.21	Titan1-164	BDL	0.33	BDL	0.86	BDL	0.14	BDL	0.06	BDL	0.7	BDL	0.23	BDL	0.07	BDL	0.55	BDL	0.4	BDL	0.14	BDL	0.02	0.00783	0.87	BDL	0.15	BDL	0.6	0.006102	0.36	BDL	0.26	BDL	0.25	BDL	0.12	BDL	0.09	BDL	0.63	BDL	0.37	BDL	0.31
4/24/2013 13:38	titan4	10	100	124	480	5605.415	Titan1-164	BDL	0.31	BDL	0.84	BDL	0.08	BDL	0.14	BDL	0.7	BDL	0.12	BDL	0.21	BDL	0.49	BDL	0.54	BDL	0.1	BDL	0.01	0.002549	0.37	BDL	0.09	BDL	0.53	0.007361	0.31	BDL	0.31	BDL	0.46	BDL	0.09	0.003092	0.27	BDL	0.51	BDL	0.46	BDL	0.33
4/24/2013 13:39	titan4	11	100	124	480	10667.9	Titan1-164	BDL	0.31	BDL	0.84	BDL	0.14	BDL	0.13	BDL	0.7	BDL	0.19	BDL	0.19	BDL	0.42	BDL	0.46	BDL	0.11	BDL	0.01	0.00599	0.71	BDL	0.05	BDL	0.4	0.009004	0.22	BDL	0.32	BDL	0.39	BDL	0.11	0.00572	0.58	BDL	0.66	BDL	0.49	BDL	0.38
4/24/2013 13:40	titan4	12	100	124	482	11828.03	Titan1-164	BDL	0.31	BDL	0.85	BDL	0.14	BDL	0.16	BDL	0.7	BDL	0.23	BDL	0.21	BDL	0.41	BDL	0.47	BDL	0.11	BDL	0	0.006201	0.76	BDL	0.13	BDL	0.41	0.006396	0.34	BDL	0.32	BDL	0.39	BDL	0.05	0.003066	0.41	BDL	0.67	BDL	0.51	BDL	0.38
4/24/2013 13:41	titan4	13	100	124	482	9236.323	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.13	BDL	0.03	BDL	0.7	BDL	0.24	BDL	0.17	BDL	0.51	BDL	0.5	BDL	0.13	BDL	0.01	0.006773	0.88	BDL	0.15	BDL	0.21	0.005784	0.37	BDL	0.34	BDL	0.46	BDL	0.16	BDL	0.42	BDL	0.72	BDL	0.31	BDL	0.35
4/24/2013 13:42	titan4	14	100	124	482	5571.423	Titan1-164	BDL	0.27	BDL	0.86	BDL	0.26	BDL	0.15	BDL	0.5	BDL	0.05	BDL	0.14	BDL	0.59	BDL	0.55	BDL	0.19	BDL	0.22	0.046348	0.97	BDL	0.14	BDL	0.39	0.005164	0.26	BDL	0.34	BDL	0.36	BDL	0.17	BDL	0.14	BDL	0.7	BDL	0.54	BDL	0.37
4/24/2013 13:43	titan4	15	100	124	483	7411.887	Titan1-164	BDL	0.27	BDL	0.86	BDL	0.23	BDL	0.2	BDL	0.6	BDL	0.17	BDL	0.28	BDL	0.5	BDL	0.53	BDL	0.11	BDL	0.04	0.028532	0.97	BDL	0.18	BDL	0.1	0.007426	0.37	BDL	0.36	BDL	0.31	BDL	0.21	BDL	0.07	BDL	0.74	BDL	0.17	BDL	0.39
4/24/2013 13:44	titan4	16	100	124	484	11041.57	Titan1-164	BDL	0.28	BDL	0.86	BDL	0.27	BDL	0.22	BDL	0.5	BDL	0.15	BDL	0.14	BDL	0.62	BDL	0.48	BDL	0.14	BDL	0.1	0.044259	0.98	BDL	0.16	BDL	0.4	0.006126	0.35	BDL	0.31	BDL	0.3	BDL	0.36	BDL	0.22	BDL	0.75	BDL	0.6	BDL	0.31
4/24/2013 13:45	titan4	17	100	124	484	12128.66	Titan1-164	BDL	0.28	BDL	0.87	BDL	0.28	BDL	0.25	BDL	0.3	BDL	0.12	BDL	0.34	BDL	0.59	BDL	0.47	BDL	0.11	BDL	0.24	0.062971	0.97	BDL	0.17	BDL	0.66	BDL	0.04	BDL	0.3	BDL	0.26	BDL	0.11	BDL	0.24	BDL	0.76	BDL	0.61	BDL	0.35
4/24/2013 13:46	titan4	18	100	124	484	11173.78	Titan1-164	BDL	0.28	BDL	0.87	BDL	0.3	BDL	0.06	BDL	0.2	BDL	0.07	BDL	0.4	BDL	0.65	BDL	0.48	BDL	0.1	BDL	0.39	0.093397	0.97	BDL	0.17	BDL	0.65	BDL	0.13	BDL	0.29	BDL	0.19	BDL	0.03	BDL	0.13	BDL	0.74	BDL	0.42	BDL	0.36
4/24/2013 13:47	titan4	19	100	124	481	11460.64	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.26	BDL	0.05	BDL	0.6	BDL	0.21	BDL	0.32	BDL	0.55	BDL	0.48	BDL	0.12	BDL	0.01	0.029549	0.97	BDL	0.14	BDL	0.64	0.003965	0.19	BDL	0.3	BDL	0.41	BDL	0.15	BDL	0.19	BDL	0.68	BDL	0.49	BDL	0.32
4/24/2013 13:48	titan4	20	100	124	484	12130.48	Titan1-164	BDL	0.34	BDL	0.84	BDL	0.08	BDL	0.16	BDL	0.7	BDL	0.18	BDL	0.19	BDL	0.49	BDL	0.34	BDL	0.11	BDL	0.03	0.002207	0.17	BDL	0.08	BDL	0.52	0.007961	0.29	BDL	0.31	BDL	0.31	BDL	0.05	0.004413	0.52	BDL	0.62	BDL	0.48	BDL	0.35
4/24/2013 13:49	titan4	21	100	124	484	11939.86	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.22	BDL	0.23	BDL	0.7	BDL	0.21	BDL	0.08	BDL	0.38	BDL	0.49	BDL	0.14	BDL	0.02	0.019913	0.97	BDL	0.15	BDL	0.57	0.00531	0.39	BDL	0.32	BDL	0.32	BDL	0.17	BDL	0.15	BDL	0.67	BDL	0.61	BDL	0.31
4/24/2013 13:50	titan4	22	100	124	480	12535.76	Titan1-164	BDL	0.29	BDL	0.86	BDL	0.26	BDL	0.06	BDL	0.6	BDL	0.16	BDL	0.05	BDL	0.46	BDL	0.42	BDL	0.15	BDL	0.01	0.02732	0.98	BDL	0.16	BDL	0.61	0.004484	0.26	BDL	0.27	BDL	0.36	BDL	0.28	BDL	0.3	BDL	0.69	BDL	0.76	BDL	0.3
4/24/2013 13:51	titan4	23	100	124	484	12900.53	Titan1-164	BDL	0.27	BDL	0.88	BDL	0.31	BDL	0.15	BDL	0.1	BDL	0.08	BDL	0.45	BDL	0.56	BDL	0.45	BDL	0.11	BDL	0.52	0.142875	0.98	BDL	0.18	BDL	0.61	BDL	0.34	BDL	0.25	BDL	0.24	BDL	0.18	BDL	0.18	BDL	0.74	BDL	0.36	BDL	0.35
4/24/2013 13:52	titan4	24	100	124	484	10487.25	Titan1-164	BDL	0.29	BDL	0.86	BDL	0.26	BDL	0.22	BDL	0.6	BDL	0.16	BDL	0.03	BDL	0.54	BDL	0.48	BDL	0.15	BDL	0.04	0.024732	0.98	BDL	0.14	BDL	0.6	0.004354	0.19	BDL	0.26	BDL	0.32	BDL	0.02	BDL	0.4	BDL	0.71	BDL	0.19	BDL	0.33
4/24/2013 13:53	titan4	25	100	124	481	12548.42	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.2	BDL	0.14	BDL	0.7	BDL	0.17	BDL	0.31	BDL	0.55	BDL	0.45	BDL	0.14	BDL	0.01	0.009923	0.89	BDL	0.18	BDL	0.28	0.00653	0.37	BDL	0.26	BDL	0.31	BDL	0.46	BDL	0.11	BDL	0.68	BDL	0.16	BDL	0.33
4/24/2013 13:54	titan4	26	100	124	484	11423.46	Titan1-164	BDL	0.28	BDL	0.86	BDL	0.14	BDL	0.06	BDL	0.7	BDL	0.18	BDL	0.07	BDL	0.59	BDL	0.36	BDL	0.13	BDL	0.02	0.008957	0.96	BDL	0.15	BDL	0.58	0.00488	0.3	BDL	0.37	BDL	0.22	BDL	0.14	BDL	0.19	BDL	0.71	BDL	0.28	BDL	0.35
4/24/2013 13:55	titan4	27	100	124	483	12703.92	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.26	BDL	0.21	BDL	0.5	BDL	0.11	BDL	0.17	BDL	0.62	BDL	0.46	BDL	0.14	BDL	0.1	0.039537	0.98	BDL	0.16	BDL	0.68	0.005324	0.26	BDL	0.3	BDL	0.32	BDL	0.1	BDL	0.12	BDL	0.69	BDL	0.2	BDL	0.39
4/24/2013 13:56	titan4	28	100	124	484	6854.807	Titan1-164	BDL	0.33	BDL	0.85	BDL	0.26	BDL	0.09	BDL	0.4	BDL	0.26	BDL	0.4	BDL	0.21	BDL	0.53	BDL	0.12	BDL	0.1	0.050647	0.98	BDL	0.19	BDL	0.63	BDL	0.05	BDL	0.3	BDL	0.28	BDL	0.15	BDL	0.29	BDL	0.41	BDL	0.53	BDL	0.34
4/24/2013 13:57	titan4	29	100	124	484	12977.59	Titan1-164	BDL	0.32	BDL	0.85	BDL	0.21	BDL	0.3	BDL	0.7	BDL	0.12	BDL	0.11	BDL	0.3	BDL	0.46	BDL	0.11	BDL	0.06	0.013199	0.97	BDL	0.15	BDL	0.66	0.005868	0.28	BDL	0.28	BDL	0.4	BDL	0.05	BDL	0.33	BDL	0.61	BDL	0.46	BDL	0.35
4/24/2013 13:58	titan4	30	100	124	483	12995.08	Titan1-164	BDL	0.29	BDL	0.88	BDL	0.33	BDL	0.15	BDL	0	BDL	0.1	BDL	0.42	BDL	0.52	BDL	0.44	BDL	0.1	0.00425	0.32	0.22861	0.97	BDL	0.19	BDL	0.64	0.003017	0.06	BDL	0.29	BDL	0.2	BDL	0.08	BDL	0.18	BDL	0.69	BDL	0.56	BDL	0.34
4/24/2013 13:59	titan4	31	100	124	484	13073.34	Titan1-164	BDL	0.3	BDL	0.87	BDL	0.31	BDL	0.22	BDL	0.1	BDL	0.18	BDL	0.37	BDL	0.46	BDL	0.46	BDL	0.1	BDL	0.21	0.098113	0.95	BDL	0.18	BDL	0.67	BDL	0.14	BDL	0.3	BDL	0.3	BDL	0.32	BDL	0.11	BDL	0.68	BDL	0.51	BDL	0.36
4/24/2013 14:00	titan4	32	100	124	484	12957.64	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.27	BDL	0.05	BDL	0.6	BDL	0.19	BDL	0.04	BDL	0.35	BDL	0.46	BDL	0.11	BDL	0.04	0.024297	0.98	BDL	0.13	BDL	0.6	0.004777	0.28	BDL	0.33	BDL	0.37	BDL	0.19	BDL	0.28	BDL	0.64	BDL	0.62	BDL	0.41
4/24/2013 14:01	titan4	33	100	124	484	12624	Titan1-164	BDL	0.31	BDL	0.86	BDL	0.12	BDL	0.13	BDL	0.7	BDL	0.14	BDL	0.28	BDL	0.29	BDL	0.46	BDL	0.09	BDL	0.03	0.004098	0.58	BDL	0.13	BDL	0.15	0.006472	0.41	BDL	0.33	BDL	0.55	BDL	0.25	BDL	0.38	BDL	0.65	BDL	0.5	BDL	0.39
4/24/2013 14:02	titan4	34	100	124	484	12460.31	Titan1-164	BDL	0.31	BDL	0.86	BDL	0.24	BDL	0.16	BDL	0.6	BDL	0.15	BDL	0.35	BDL	0.51	BDL	0.45	BDL	0.1	BDL	0.04	0.023935	0.97	BDL	0.18	BDL	0.13	0.007089	0.42	BDL	0.27	BDL	0.34	BDL	0.34	BDL	0.13	BDL	0.68	BDL	0.49	BDL	0.37
4/24/2013 14:03	titan4	35	100	124	482	12507.81	Titan1-164	BDL	0.31	BDL	0.86	BDL	0.1	BDL	0.11	BDL	0.7	BDL	0.18	BDL	0.19	BDL	0.39	BDL	0.45	BDL	0.13	BDL	0	0.004628	0.58	BDL	0.16	BDL	0.49	0.005595	0.35	BDL	0.26	BDL	0.34	BDL	0.15	BDL	0.05	BDL	0.63	BDL	0.73	BDL	0.32
4/24/2013 14:04	titan4	36	100	124	484	12610.6	Titan1-164	BDL	0.29	BDL	0.86	BDL	0.18	BDL	0.12	BDL	0.6	BDL	0.15	BDL	0.18	BDL	0.46	BDL	0.44	BDL	0.1	BDL	0.11	0.01109	0.96	BDL	0.16	BDL	0.66	0.004225	0.2	BDL	0.23	BDL	0.3	BDL	0.33	BDL	0.29	BDL	0.67	BDL	0.2	BDL	0.35
4/24/2013 14:05	titan4	37	100	124	484	12616.16	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.27	BDL	0.09	BDL	0.4	BDL	0.09	BDL	0.32	BDL	0.58	BDL	0.46	BDL	0.13	BDL	0.15	0.038324	0.98	BDL	0.19	BDL	0.66	0.004261	0.16	BDL	0.27	BDL	0.37	BDL	0.16	BDL	0.13	BDL	0.69	BDL	0.52	BDL	0.34
4/24/2013 14:06	titan4	38	100	124	484	12350.67	Titan1-164	BDL	0.31	BDL	0.86	BDL	0.11	BDL	0.04	BDL	0.7	BDL	0.15	BDL	0.02	BDL	0.46	BDL	0.46	BDL	0.13	BDL	0	0.004016	0.69	BDL	0.15	BDL	0.66	0.005807	0.35	BDL	0.36	BDL	0.42	BDL	0.07	BDL	0.18	BDL	0.66	BDL	0.6	BDL	0.33
4/24/2013 14:07	titan4	39	100	124	483	7515.016	Titan1-164	BDL	0.28	BDL	0.86	BDL	0.29	BDL	0.13	BDL	0.5	BDL	0.14	BDL	0.33	BDL	0.41	BDL	0.54	BDL	0.12	BDL	0.01	0.038707	0.97	BDL	0.14	BDL	0.65	0.003325	0.14	BDL	0.32	BDL	0.27	BDL	0.36	BDL	0.1	BDL	0.62	BDL	0.67	BDL	0.34
4/24/2013 14:08	titan4	40	100	124	484	13370.28	Titan1-164	BDL	0.28	BDL	0.89	BDL	0.32	BDL	0.06	BDL	0	BDL	0.16	BDL	0.43	BDL	0.52	BDL	0.45	BDL	0.11	BDL	0.31	0.179811	0.98	BDL	0.23	BDL	0.62	BDL	0.17	BDL	0.27	BDL	0.26	BDL	0.1	BDL	0.18	BDL	0.69	BDL	0.34	BDL	0.37
4/24/2013 14:09	titan4	41	100	124	484	13206.63	Titan1-164	BDL	0.29	BDL	0.86	BDL	0.28	BDL	0.03	BDL	0.5	BDL	0.18	BDL	0.32	BDL	0.51	BDL	0.44	BDL	0.12	BDL	0.17	0.038724	0.98	BDL	0.17	BDL	0.66	0.003149	0.14	BDL	0.3	BDL	0.28	BDL	0.25	BDL	0.25	BDL	0.67	BDL	0.79	BDL	0.34
4/24/2013 14:10	titan4	42	100	124	483	13134.02	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.18	BDL	0.09	BDL	0.7	BDL	0.12	BDL	0.07	BDL	0.4	BDL	0.45	BDL	0.15	BDL	0	0.012932	0.92	BDL	0.2	BDL	0.56	0.005513	0.34	BDL	0.3	BDL	0.35	BDL	0.18	BDL	0.05	BDL	0.67	BDL	0.56	BDL	0.37
4/24/2013 14:11	titan4	43	100	124	482	12950.3	Titan1-164	BDL	0.31	BDL	0.86	BDL	0.07	BDL	0.05	BDL	0.7	BDL	0.22	BDL	0.31	BDL	0.38	BDL	0.44	BDL	0.18	BDL	0.01	BDL	0.01	BDL	0.09	BDL	0.09	0.008	0.54	BDL	0.22	BDL	0.26	BDL	0.23	BDL	0.23	BDL	0.57	BDL	0.64	BDL	0.36
4/24/2013 14:12	titan4	44	100	124	484	12688.5	Titan1-164	BDL	0.31	BDL	0.86	BDL	0.16	BDL	0.09	BDL	0.7	BDL	0.15	BDL	0.25	BDL	0.45	BDL	0.45	BDL	0.12	BDL	0.01	0.006985	0.81	BDL	0.12	BDL	0.22	0.006621	0.37	BDL	0.23	BDL	0.2	BDL	0.13	BDL	0.06	BDL	0.58	BDL	0.32	BDL	0.36
4/24/2013 14:13	titan4	45	100	124	483	8211.557	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.26	BDL	0.06	BDL	0.5	BDL	0.13	BDL	0.17	BDL	0.57	BDL	0.52	BDL	0.18	BDL	0.07	0.032455	0.98	BDL	0.16	BDL	0.42	0.006288	0.36	BDL	0.22	BDL	0.21	BDL	0.07	BDL	0.19	BDL	0.62	BDL	0.74	BDL	0.35
4/24/2013 14:14	titan4	46	100	124	480	8819.609	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.24	BDL	0.04	BDL	0.6	BDL	0.14	BDL	0.06	BDL	0.5	BDL	0.5	BDL	0.13	BDL	0.01	0.023292	0.98	BDL	0.13	BDL	0.57	0.005523	0.37	BDL	0.28	BDL	0.25	BDL	0.09	BDL	0.22	BDL	0.62	BDL	0.64	BDL	0.33
4/24/2013 14:15	titan4	47	100	124	480	12744.64	Titan1-164	BDL	0.29	BDL	0.86	BDL	0.2	BDL	0.09	BDL	0.7	BDL	0.14	BDL	0.06	BDL	0.45	BDL	0.37	BDL	0.13	BDL	0.06	0.011939	0.97	BDL	0.14	BDL	0.69	0.005151	0.3	BDL	0.24	BDL	0.44	BDL	0.18	BDL	0.16	BDL	0.67	BDL	0.33	BDL	0.34
4/24/2013 14:17	titan4	48	100	124	484	12854.01	Titan1-164	BDL	0.33	BDL	0.86	BDL	0.13	BDL	0.06	BDL	0.7	BDL	0.12	BDL	0.05	BDL	0.58	BDL	0.44	BDL	0.14	BDL	0.01	0.007094	0.83	BDL	0.14	BDL	0.65	BDL	0.25	BDL	0.25	BDL	0.27	BDL	0.34	BDL	0.3	BDL	0.62	BDL	0.53	BDL	0.4
4/24/2013 14:18	titan4	49	100	124	482	8762.654	Titan1-164	BDL	0.31	BDL	0.86	BDL	0.26	BDL	0.05	BDL	0.6	BDL	0.16	BDL	0.32	BDL	0.35	BDL	0.5	BDL	0.11	BDL	0.03	0.030345	0.99	BDL	0.17	BDL	0.67	BDL	0.12	BDL	0.26	BDL	0.27	BDL	0.09	BDL	0.2	BDL	0.58	BDL	0.24	BDL	0.36
4/24/2013 14:19	titan4	50	100	124	484	11487.68	Titan1-164	BDL	0.31	BDL	0.85	BDL	0.39	BDL	0.16	BDL	0.5	BDL	0.24	BDL	0.1	BDL	0.37	BDL	0.46	BDL	0.08	BDL	0.04	0.03473	0.98	BDL	0.09	BDL	0.68	BDL	0.12	BDL	0.33	BDL	0.14	BDL	0.2	BDL	0.24	BDL	0.56	BDL	0.49	BDL	0.36
4/24/2013 14:20	titan4	51	100	124	480	6290.258	Titan1-164	BDL	0.33	BDL	0.8	BDL	0.02	BDL	0.13	BDL	0.9	BDL	0.3	BDL	0.32	BDL	0.08	BDL	0.44	BDL	0.05	BDL	0.05	BDL	0.04	BDL	0.13	BDL	0.15	BDL	0.5	BDL	0.43	BDL	0.3	BDL	0.38	0.006637	0.43	BDL	0.44	BDL	0.23	BDL	0.38
4/24/2013 14:21	titan4	52	100	124	484	8850.755	Titan1-164	BDL	0.27	BDL	0.66	BDL	0.49	BDL	0.14	BDL	0.8	BDL	0.02	BDL	0.23	BDL	0.39	BDL	0.28	BDL	0.1	BDL	0.04	0.076103	0.8	BDL	0.13	BDL	0.64	0.013586	0.39	BDL	0.34	BDL	0.22	BDL	0.16	BDL	0.2	BDL	0.7	BDL	0.53	BDL	0.36
4/24/2013 14:22	titan4	53	100	124	484	7454.5	Titan1-164	BDL	0.26	BDL	0.24	BDL	0.25	BDL	0.1	BDL	0.8	BDL	0.02	BDL	0.37	BDL	0.42	BDL	0.07	BDL	0.11	BDL	0.03	0.150689	0.71	BDL	0.13	BDL	0.64	0.02038	0.39	BDL	0.28	BDL	0.2	BDL	0.13	BDL	0.24	BDL	0.7	BDL	0.16	BDL	0.35
4/24/2013 14:23	titan4	54	100	124	481	5863.632	Titan1-164	BDL	0.27	BDL	0.79	BDL	0.53	BDL	0.14	BDL	0.7	BDL	0.14	BDL	0.37	BDL	0.4	BDL	0.38	BDL	0.13	BDL	0.1	0.105303	0.94	BDL	0.16	BDL	0.58	0.005062	0.2	BDL	0.34	BDL	0.16	BDL	0.15	BDL	0.21	BDL	0.58	BDL	0.23	BDL	0.33
4/24/2013 14:24	titan4	55	100	124	484	5685.878	Titan1-164	BDL	0.24	BDL	0.78	BDL	0.46	BDL	0.17	BDL	0.7	BDL	0.25	BDL	0.07	BDL	0.54	BDL	0.36	BDL	0.17	BDL	0.17	0.063564	0.95	BDL	0.14	BDL	0.33	0.007629	0.39	BDL	0.29	BDL	0.25	BDL	0.14	BDL	0.12	BDL	0.62	BDL	0.44	BDL	0.33
4/24/2013 14:25	titan4	56	100	124	482	8106.953	Titan1-164	BDL	0.29	BDL	0.82	BDL	0.57	BDL	0.22	BDL	0.7	BDL	0.32	BDL	0.26	BDL	0.49	BDL	0.45	BDL	0.1	BDL	0.17	0.011808	0.88	BDL	0.14	BDL	0.14	0.00688	0.37	BDL	0.31	BDL	0.13	BDL	0.26	BDL	0.22	BDL	0.64	BDL	0.48	BDL	0.34
4/24/2013 14:26	titan4	57	100	124	484	9165.759	Titan1-164	BDL	0.27	BDL	0.84	BDL	0.5	BDL	0.27	BDL	0.6	BDL	0.49	BDL	0.21	BDL	0.59	BDL	0.49	BDL	0.12	BDL	0.23	0.012639	0.85	BDL	0.14	BDL	0.65	0.004682	0.18	BDL	0.31	BDL	0.23	BDL	0.18	BDL	0.14	BDL	0.72	BDL	0.61	BDL	0.34
4/24/2013 14:27	titan4	58	100	124	484	7282.903	Titan1-164	BDL	0.27	BDL	0.85	BDL	0.6	BDL	0.08	BDL	0.8	BDL	0.7	BDL	0.33	BDL	0.47	BDL	0.52	BDL	0.11	BDL	0.21	0.032554	0.88	BDL	0.14	BDL	0.62	0.00208	0.06	BDL	0.32	BDL	0.37	BDL	0.12	BDL	0.15	BDL	0.72	BDL	0.25	BDL	0.36
4/24/2013 14:28	titan4	59	100	124	484	11934.11	Titan1-164	BDL	0.27	BDL	0.86	BDL	0.51	BDL	0.09	BDL	0.7	BDL	0.54	BDL	0.41	BDL	0.6	BDL	0.47	BDL	0.1	BDL	0.16	0.058257	0.94	BDL	0.16	BDL	0.68	0.003499	0.11	BDL	0.32	BDL	0.37	BDL	0.07	BDL	0.12	BDL	0.7	BDL	0.52	BDL	0.37
4/24/2013 14:29	titan4	60	100	124	484	11604.21	Titan1-164	BDL	0.25	BDL	0.88	BDL	0.45	BDL	0.13	BDL	0.4	BDL	0.5	BDL	0.44	BDL	0.59	BDL	0.46	BDL	0.1	BDL	0.15	0.229351	0.97	BDL	0.19	BDL	0.61	BDL	0.58	BDL	0.32	BDL	0.31	BDL	0.05	BDL	0.17	BDL	0.74	BDL	0.36	BDL	0.35
4/24/2013 14:30	titan4	61	100	124	481	4038.142	Titan1-164	BDL	0.16	BDL	0.5	BDL	0.51	BDL	0.14	BDL	0.9	BDL	0.69	BDL	0.43	BDL	0.62	BDL	0.17	BDL	0.04	BDL	0.12	0.209731	0.87	BDL	0.19	BDL	0.53	BDL	0.75	BDL	0.47	BDL	0.23	BDL	0.11	BDL	0.11	BDL	0.72	BDL	0.56	BDL	0.26
4/24/2013 14:31	titan4	62	100	124	484	10041.86	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.48	BDL	0.07	BDL	0.4	BDL	0.68	BDL	0.46	BDL	0.56	BDL	0.48	BDL	0.1	BDL	0.14	0.472312	0.97	BDL	0.22	BDL	0.58	BDL	0.71	BDL	0.31	BDL	0.23	BDL	0.24	BDL	0.19	BDL	0.69	BDL	0.42	BDL	0.31
4/24/2013 14:32	titan4	63	100	124	484	13752.09	Titan1-164	BDL	0.25	BDL	0.86	BDL	0.43	BDL	0.12	BDL	0.2	BDL	0.32	BDL	0.45	BDL	0.56	BDL	0.44	BDL	0.1	BDL	0.2	0.436334	0.97	BDL	0.23	BDL	0.6	BDL	0.6	BDL	0.27	BDL	0.19	BDL	0.09	BDL	0.17	BDL	0.75	BDL	0.49	BDL	0.34
4/24/2013 14:33	titan4	64	100	124	483	13122.98	Titan1-164	BDL	0.24	BDL	0.89	BDL	0.61	BDL	0.04	BDL	0.5	BDL	0.52	BDL	0.03	BDL	0.49	BDL	0.44	BDL	0.09	0.006492	0.35	0.088272	0.97	BDL	0.23	BDL	0.56	0.004164	0.2	BDL	0.41	BDL	0.33	BDL	0.09	BDL	0.21	BDL	0.74	BDL	0.51	BDL	0.32
4/24/2013 14:34	titan4	65	100	124	484	12898.85	Titan1-164	BDL	0.22	BDL	0.89	BDL	0.15	BDL	0.26	BDL	0.7	BDL	0.5	BDL	0.39	BDL	0.48	BDL	0.5	BDL	0.08	0.005155	0.44	BDL	0.37	BDL	0.06	BDL	0.39	0.008374	0.56	BDL	0.5	BDL	0.51	BDL	0.42	BDL	0.29	BDL	0.69	BDL	0.19	BDL	0.26
4/24/2013 14:35	titan4	66	100	124	484	12950.83	Titan1-164	BDL	0.26	BDL	0.87	BDL	0.8	BDL	0.19	BDL	0.2	BDL	0.28	BDL	0.37	BDL	0.55	BDL	0.47	BDL	0.03	0.002772	0.6	0.006911	0.9	BDL	0.13	BDL	0.25	0.007273	0.52	BDL	0.39	BDL	0.41	BDL	0.19	BDL	0.19	BDL	0.69	BDL	0.52	BDL	0.28
4/24/2013 14:36	titan4	67	100	124	484	13109.03	Titan1-164	BDL	0.21	BDL	0.91	BDL	0.28	BDL	0.07	BDL	0.8	BDL	0.72	BDL	0.25	BDL	0.56	BDL	0.52	BDL	0.02	BDL	0.22	0.021237	0.69	BDL	0.15	BDL	0.44	0.002081	0.08	BDL	0.52	BDL	0.37	BDL	0.05	BDL	0.11	BDL	0.74	BDL	0.67	BDL	0.24
4/24/2013 14:37	titan4	68	100	124	483	13164.45	Titan1-164	BDL	0.23	BDL	0.91	BDL	0.53	BDL	0.12	BDL	0.8	BDL	0.67	BDL	0.34	BDL	0.53	BDL	0.53	BDL	0.06	BDL	0.21	0.042048	0.85	BDL	0.17	BDL	0.63	0.002848	0.12	BDL	0.41	BDL	0.41	BDL	0.11	BDL	0.08	BDL	0.73	BDL	0.34	BDL	0.21
4/24/2013 14:38	titan4	69	100	124	484	13641.37	Titan1-164	BDL	0.23	BDL	0.9	BDL	0.64	BDL	0.11	BDL	0.8	BDL	0.68	BDL	0.47	BDL	0.57	BDL	0.51	BDL	0.07	BDL	0.19	0.073049	0.93	BDL	0.18	BDL	0.66	BDL	0.04	BDL	0.37	BDL	0.31	BDL	0.05	BDL	0.09	BDL	0.7	BDL	0.21	BDL	0.31
4/24/2013 14:39	titan4	70	100	124	484	7099.928	Titan1-164	BDL	0.25	BDL	0.89	BDL	0.62	BDL	0.16	BDL	0.7	BDL	0.44	BDL	0.09	BDL	0.27	BDL	0.56	BDL	0.06	BDL	0.27	0.021553	0.89	BDL	0.15	BDL	0.7	0.004401	0.22	BDL	0.41	BDL	0.31	BDL	0.01	BDL	0.23	BDL	0.58	BDL	0.63	BDL	0.26
4/24/2013 14:40	titan4	71	100	124	484	10086.17	Titan1-164	BDL	0.23	BDL	0.86	BDL	0.73	BDL	0.13	BDL	0.7	BDL	0.62	BDL	0.1	BDL	0.42	BDL	0.37	BDL	0.04	BDL	0.27	0.03045	0.95	BDL	0.09	BDL	0.62	0.006409	0.11	BDL	0.42	BDL	0.28	BDL	0.12	BDL	0.31	BDL	0.62	BDL	0.37	BDL	0.31
4/24/2013 14:41	titan4	72	100	124	484	8798.262	Titan1-164	BDL	0.23	BDL	0.84	BDL	0.72	BDL	0.13	BDL	0.7	BDL	0.53	BDL	0.14	BDL	0.26	BDL	0.53	BDL	0.04	BDL	0.31	0.029263	0.95	BDL	0.08	BDL	0.59	0.006846	0.06	BDL	0.41	BDL	0.31	BDL	0.28	BDL	0.2	BDL	0.66	BDL	0.39	BDL	0.4
4/24/2013 14:42	titan4	73	100	124	483	13189.01	Titan1-164	BDL	0.22	BDL	0.86	BDL	0.37	BDL	0.15	BDL	0.7	BDL	0.55	BDL	0.41	BDL	0.4	BDL	0.49	BDL	0.21	0.004969	0.44	0.004792	0.77	BDL	0.06	BDL	0.02	0.007315	0.18	BDL	0.51	BDL	0.23	BDL	0.14	BDL	0.28	BDL	0.69	BDL	0.48	BDL	0.35
4/24/2013 14:43	titan4	74	100	124	484	13124.33	Titan1-164	BDL	0.25	BDL	0.88	BDL	0.6	BDL	0.11	BDL	0.5	BDL	0.39	BDL	0.08	BDL	0.48	BDL	0.48	BDL	0.07	0.00517	0.33	0.072189	0.94	BDL	0.19	BDL	0.51	0.00543	0.26	BDL	0.41	BDL	0.28	BDL	0.15	BDL	0.11	BDL	0.72	BDL	0.39	BDL	0.33
4/24/2013 14:44	titan4	75	100	124	484	13096.59	Titan1-164	BDL	0.24	BDL	0.88	BDL	0.74	BDL	0.13	BDL	0.6	BDL	0.33	BDL	0.29	BDL	0.61	BDL	0.49	BDL	0.08	0.00464	0.5	0.019567	0.93	BDL	0.15	BDL	0.01	0.005317	0.34	BDL	0.47	BDL	0.47	BDL	0.2	BDL	0.39	BDL	0.71	BDL	0.37	BDL	0.34
4/24/2013 14:45	titan4	76	100	124	484	13250.9	Titan1-164	BDL	0.24	BDL	0.87	BDL	0.54	BDL	0.27	BDL	0.2	BDL	0.27	BDL	0.06	BDL	0.62	BDL	0.48	BDL	0.12	0.003417	0.44	0.046021	0.96	BDL	0.18	BDL	0.65	0.003908	0.15	BDL	0.4	BDL	0.36	BDL	0.14	BDL	0.09	BDL	0.74	BDL	0.5	BDL	0.37
4/24/2013 14:46	titan4	77	100	124	484	13098.9	Titan1-164	BDL	0.23	BDL	0.88	BDL	0.63	BDL	0.16	BDL	0.3	BDL	0.36	BDL	0.24	BDL	0.56	BDL	0.48	BDL	0.05	0.004442	0.58	0.037847	0.97	BDL	0.17	BDL	0.05	0.005422	0.3	BDL	0.5	BDL	0.32	BDL	0.03	BDL	0.2	BDL	0.75	BDL	0.16	BDL	0.34
4/24/2013 14:47	titan4	78	100	124	484	13183	Titan1-164	BDL	0.25	BDL	0.89	BDL	0.45	BDL	0.35	BDL	0.2	BDL	0.15	BDL	0.43	BDL	0.64	BDL	0.46	BDL	0.1	0.005436	0.21	0.172953	0.96	BDL	0.2	BDL	0.6	BDL	0.21	BDL	0.33	BDL	0.25	BDL	0.02	BDL	0.24	BDL	0.76	BDL	0.63	BDL	0.35
4/24/2013 14:48	titan4	79	100	124	484	13365.47	Titan1-164	BDL	0.23	BDL	0.89	BDL	0.77	BDL	0.17	BDL	0.6	BDL	0.46	BDL	0.42	BDL	0.59	BDL	0.5	BDL	0.13	0.004513	0.4	0.011343	0.81	BDL	0.17	BDL	0.67	0.003551	0.13	BDL	0.35	BDL	0.4	BDL	0.04	BDL	0.14	BDL	0.75	BDL	0.77	BDL	0.31
4/24/2013 14:49	titan4	80	100	124	484	13444.77	Titan1-164	BDL	0.25	BDL	0.89	BDL	0.49	BDL	0.31	BDL	0.1	BDL	0.23	BDL	0.34	BDL	0.56	BDL	0.47	BDL	0.12	0.003678	0.23	0.139451	0.97	BDL	0.22	BDL	0.67	0.00551	0.18	BDL	0.29	BDL	0.31	BDL	0.02	BDL	0.19	BDL	0.71	BDL	0.36	BDL	0.35
4/24/2013 14:50	titan4	81	100	124	484	13693.92	Titan1-164	BDL	0.26	BDL	0.89	BDL	0.4	BDL	0.31	BDL	0	BDL	0.13	BDL	0.46	BDL	0.47	BDL	0.45	BDL	0.11	0.00324	0.25	0.153563	0.97	BDL	0.2	BDL	0.62	BDL	0.05	BDL	0.27	BDL	0.25	BDL	0.15	BDL	0.2	BDL	0.7	BDL	0.57	BDL	0.37
4/24/2013 14:51	titan4	82	100	124	483	12120.48	Titan1-164	BDL	0.25	BDL	0.87	BDL	0.65	BDL	0.14	BDL	0.3	BDL	0.22	BDL	0.49	BDL	0.56	BDL	0.48	BDL	0.13	0.002699	0.63	0.025809	0.97	BDL	0.17	BDL	0.64	BDL	0.03	BDL	0.31	BDL	0.16	BDL	0.31	BDL	0.15	BDL	0.65	BDL	0.27	BDL	0.37
4/24/2013 14:52	titan4	83	100	124	483	943.7956	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.48	BDL	0.05	BDL	0.3	BDL	0.17	BDL	0.1	BDL	0.3	BDL	0.27	BDL	0.09	0.010308	0.29	0.073412	0.85	BDL	0.04	BDL	0.06	BDL	0.07	BDL	0.22	BDL	0.2	BDL	0.04	BDL	0.25	BDL	0.12	BDL	0.74	BDL	0.19
4/24/2013 14:53	titan4	84	100	124	480	13407.71	Titan1-164	BDL	0.25	BDL	0.88	BDL	0.44	BDL	0.09	BDL	0	BDL	0.25	BDL	0.07	BDL	0.41	BDL	0.46	BDL	0.14	0.00323	0.29	0.143656	0.98	BDL	0.23	BDL	0.64	0.005371	0.22	BDL	0.3	BDL	0.38	BDL	0.35	BDL	0.09	BDL	0.69	BDL	0.18	BDL	0.36
4/24/2013 14:54	titan4	85	100	124	484	13618.43	Titan1-164	BDL	0.23	BDL	0.88	BDL	0.52	BDL	0.21	BDL	0.2	BDL	0.37	BDL	0.03	BDL	0.4	BDL	0.47	BDL	0.11	0.004194	0.34	0.101576	0.98	BDL	0.23	BDL	0.56	0.005297	0.24	BDL	0.33	BDL	0.28	BDL	0.19	BDL	0.1	BDL	0.7	BDL	0.43	BDL	0.38
4/24/2013 14:55	titan4	86	100	124	481	13531.97	Titan1-164	BDL	0.23	BDL	0.87	BDL	0.53	BDL	0.16	BDL	0.2	BDL	0.29	BDL	0.28	BDL	0.49	BDL	0.47	BDL	0.11	0.003126	0.41	0.063023	0.98	BDL	0.24	BDL	0.07	0.007306	0.37	BDL	0.41	BDL	0.43	BDL	0.16	BDL	0.11	BDL	0.71	BDL	0.72	BDL	0.34
4/24/2013 14:56	titan4	87	100	124	484	8863.973	Titan1-164	BDL	0.23	BDL	0.88	BDL	0.43	BDL	0.13	BDL	0	BDL	0.23	BDL	0.15	BDL	0.51	BDL	0.51	BDL	0.13	0.003224	0.46	0.081282	0.98	BDL	0.21	BDL	0.19	0.006439	0.3	BDL	0.41	BDL	0.34	BDL	0.09	BDL	0.31	BDL	0.7	BDL	0.48	BDL	0.32
4/24/2013 14:57	titan4	88	100	124	484	13124.78	Titan1-164	BDL	0.22	BDL	0.87	BDL	0.72	BDL	0.1	BDL	0	BDL	0.16	BDL	0.36	BDL	0.56	BDL	0.46	BDL	0.04	0.002055	0.44	0.004564	0.77	BDL	0.15	BDL	0.41	0.008945	0.54	BDL	0.51	BDL	0.28	BDL	0.02	BDL	0.14	BDL	0.72	BDL	0.61	BDL	0.32
4/24/2013 14:58	titan4	89	100	124	481	13274.16	Titan1-164	BDL	0.25	BDL	0.87	BDL	0.45	BDL	0.16	BDL	0	BDL	0.17	BDL	0.15	BDL	0.67	BDL	0.45	BDL	0.15	0.003472	0.47	0.070714	0.97	BDL	0.19	BDL	0.62	0.004872	0.21	BDL	0.33	BDL	0.36	BDL	0.09	BDL	0.27	BDL	0.76	BDL	0.52	BDL	0.38
4/24/2013 14:59	titan4	90	100	124	482	13168.77	Titan1-164	BDL	0.25	BDL	0.87	BDL	0.52	BDL	0.11	BDL	0	BDL	0.16	BDL	0.38	BDL	0.55	BDL	0.44	BDL	0.16	0.002757	0.56	0.030113	0.96	BDL	0.17	BDL	0.61	0.003084	0.12	BDL	0.29	BDL	0.33	BDL	0.04	BDL	0.27	BDL	0.75	BDL	0.52	BDL	0.39
4/24/2013 15:01	titan4	91	100	124	484	5276.908	Titan1-164	BDL	0.23	BDL	0.87	BDL	0.59	BDL	0.08	BDL	0.3	BDL	0.19	BDL	0.04	BDL	0.55	BDL	0.51	BDL	0.23	0.001279	0.1	0.005413	0.62	BDL	0.12	BDL	0.45	0.005971	0.3	BDL	0.28	BDL	0.34	BDL	0.08	BDL	0.23	BDL	0.83	BDL	0.47	BDL	0.36
4/24/2013 15:02	titan4	92	100	124	484	11287.94	Titan1-164	BDL	0.27	BDL	0.87	BDL	0.43	BDL	0.07	BDL	0	BDL	0.25	BDL	0.17	BDL	0.54	BDL	0.47	BDL	0.13	0.001502	0.33	0.094323	0.95	BDL	0.17	BDL	0.67	0.00743	0.33	BDL	0.26	BDL	0.37	BDL	0.03	BDL	0.18	BDL	0.68	BDL	0.37	BDL	0.35
4/24/2013 15:03	titan4	93	100	124	484	13240.83	Titan1-164	BDL	0.26	BDL	0.86	BDL	0.5	BDL	0.04	BDL	0.1	BDL	0.2	BDL	0.03	BDL	0.4	BDL	0.45	BDL	0.12	0.001514	0.31	0.040874	0.98	BDL	0.15	BDL	0.69	0.005188	0.23	BDL	0.26	BDL	0.46	BDL	0.08	BDL	0.24	BDL	0.66	BDL	0.36	BDL	0.32

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Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3
4/24/2013 15:04	titan4	94	100	124	484	13700.63	Titan1-164	BDL	0.26	BDL	0.84	BDL	0.5	BDL	0.18	BDL	0.3	BDL	0.2	BDL	0.01	BDL	0.31	BDL	0.44	BDL	0.08
4/24/2013 15:05	titan4	95	100	124	481	13267.3	Titan1-164	BDL	0.25	BDL	0.85	BDL	0.52	BDL	0.15	BDL	0	BDL	0.23	BDL	0.09	BDL	0.23	BDL	0.45	BDL	0.12
4/24/2013 15:06	titan4	96	100	124	484	6485.389	Titan1-164	BDL	0.23	BDL	0.85	BDL	0.52	BDL	0.11	BDL	0.5	BDL	0.18	BDL	0.34	BDL	0.37	BDL	0.53	BDL	0.06
4/24/2013 15:07	titan4	97	100	124	484	8289.778	Titan1-164	BDL	0.26	BDL	0.86	BDL	0.37	BDL	0.13	BDL	0.5	BDL	0.13	BDL	0.35	BDL	0.49	BDL	0.52	BDL	0.12
4/24/2013 15:08	titan4	98	100	124	484	10203.74	Titan1-164	BDL	0.26	BDL	0.79	BDL	0.06	BDL	0.18	BDL	0.9	BDL	0.61	BDL	0.35	BDL	0.59	BDL	0.42	BDL	0.08
4/24/2013 15:09	titan4	99	100	124	480	12375.91	Titan1-164	BDL	0.25	BDL	0.52	BDL	0.03	BDL	0.14	BDL	0.8	BDL	0.01	BDL	0.41	BDL	0.46	BDL	0.2	BDL	0.08
4/24/2013 15:10	titan4	100	100	124	481	12672.65	Titan1-164	BDL	0.26	BDL	0.71	BDL	0.01	BDL	0.19	BDL	0.9	BDL	0.09	BDL	0.31	BDL	0.6	BDL	0.32	BDL	0.14
4/24/2013 15:11	titan4	101	100	124	481	12205.78	Titan1-164	BDL	0.28	BDL	0.84	BDL	0.5	BDL	0.24	BDL	0.7	BDL	0.74	BDL	0.01	BDL	0.61	BDL	0.42	BDL	0.21
4/24/2013 15:12	titan4	102	100	124	483	13140.15	Titan1-164	BDL	0.27	BDL	0.87	BDL	0.36	BDL	0.28	BDL	0.2	BDL	0.14	BDL	0.34	BDL	0.54	BDL	0.46	BDL	0.15
4/24/2013 15:13	titan4	103	100	124	483	12634.53	Titan1-164	BDL	0.27	BDL	0.86	BDL	0.61	BDL	0.11	BDL	0.5	BDL	0.16	BDL	0.17	BDL	0.42	BDL	0.46	BDL	0.19
4/24/2013 15:14	titan4	104	100	124	484	10557.04	Titan1-164	BDL	0.27	BDL	0.86	BDL	0.27	BDL	0.2	BDL	0.6	BDL	0.19	BDL	0.15	BDL	0.36	BDL	0.49	BDL	0.19
4/24/2013 15:15	titan4	105	100	124	484	7118.131	Titan1-164	BDL	0.28	BDL	0.88	BDL	0.32	BDL	0.13	BDL	0.1	BDL	0.07	BDL	0.42	BDL	0.56	BDL	0.54	BDL	0.13
4/24/2013 15:16	titan4	106	100	124	484	7078.397	Titan1-164	BDL	0.26	BDL	0.86	BDL	0.26	BDL	0.19	BDL	0.6	BDL	0.15	BDL	0.05	BDL	0.45	BDL	0.54	BDL	0.14
4/24/2013 15:17	titan4	107	100	124	484	2232.375	Titan1-164	BDL	0.14	BDL	0.81	BDL	0.32	BDL	0.04	BDL	0.2	BDL	0.09	BDL	0.29	BDL	0.55	BDL	0.34	BDL	0.1
4/24/2013 15:18	titan4	108	100	124	483	2556.413	Titan1-164	BDL	0.15	BDL	0.8	BDL	0.44	BDL	0.12	BDL	0.8	BDL	0.3	BDL	0.31	BDL	0.57	BDL	0.31	BDL	0.18
4/24/2013 15:19	titan4	109	100	124	482	2580.282	Titan1-164	BDL	0.16	BDL	0.84	BDL	0.35	BDL	0.09	BDL	0.1	BDL	0.21	BDL	0.13	BDL	0.61	BDL	0.31	BDL	0.17
4/24/2013 15:20	titan4	110	100	124	482	2579.669	Titan1-164	BDL	0.14	BDL	0.84	BDL	0.36	BDL	0.1	BDL	0.1	BDL	0.15	BDL	0.24	BDL	0.61	BDL	0.32	BDL	0.13
4/24/2013 15:21	titan4	111	100	124	484	2607.787	Titan1-164	BDL	0.13	BDL	0.8	BDL	0.47	BDL	0.06	BDL	0.2	BDL	0.15	BDL	0.36	BDL	0.6	BDL	0.35	BDL	0.08
4/24/2013 15:22	titan4	112	100	124	483	2600.762	Titan1-164	BDL	0.15	BDL	0.8	BDL	0.32	BDL	0.04	BDL	0.3	BDL	0.1	BDL	0.21	BDL	0.62	BDL	0.35	BDL	0.16
4/24/2013 15:23	titan4	113	100	124	484	2571.083	Titan1-164	BDL	0.14	BDL	0.8	BDL	0.41	BDL	0.1	BDL	0.4	BDL	0.09	BDL	0.23	BDL	0.63	BDL	0.34	BDL	0.14
4/24/2013 15:24	titan4	114	100	124	484	2660.217	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.3	BDL	0.05	BDL	0	BDL	0.1	BDL	0.35	BDL	0.58	BDL	0.36	BDL	0.18
4/24/2013 15:25	titan4	115	100	124	481	2523.657	Titan1-164	BDL	0.15	BDL	0.78	BDL	0.23	BDL	0.14	BDL	0.1	BDL	0.1	BDL	0.13	BDL	0.57	BDL	0.37	BDL	0.13
4/24/2013 15:26	titan4	116	100	124	480	2762.139	Titan1-164	BDL	0.15	BDL	0.74	BDL	0.33	BDL	0.12	BDL	0.1	BDL	0.2	BDL	0.28	BDL	0.55	BDL	0.38	BDL	0.08
4/24/2013 15:27	titan4	117	100	124	484	2621.194	Titan1-164	BDL	0.13	BDL	0.76	BDL	0.3	BDL	0.12	BDL	0	BDL	0.2	BDL	0.34	BDL	0.61	BDL	0.37	BDL	0.04
4/24/2013 15:28	titan4	118	100	124	484	2573.744	Titan1-164	BDL	0.13	BDL	0.79	BDL	0.38	BDL	0.09	BDL	0.3	BDL	0.19	BDL	0.33	BDL	0.61	BDL	0.34	BDL	0.03
4/24/2013 15:29	titan4	119	100	124	480	2318.73	Titan1-164	BDL	0.12	BDL	0.8	BDL	0.15	BDL	0.16	BDL	0.3	BDL	0.17	BDL	0.36	BDL	0.65	BDL	0.3	BDL	0.08
4/24/2013 15:30	titan4	120	100	124	480	2496.088	Titan1-164	BDL	0.14	BDL	0.8	BDL	0.25	BDL	0.04	BDL	0.3	BDL	0.16	BDL	0.31	BDL	0.59	BDL	0.32	BDL	0.04
4/24/2013 15:31	titan4	121	100	124	480	2632.014	Titan1-164	BDL	0.13	BDL	0.8	BDL	0.17	BDL	0.14	BDL	0.3	BDL	0.12	BDL	0.3	BDL	0.61	BDL	0.34	BDL	0.05
4/24/2013 15:32	titan4	122	100	124	481	2194.451	Titan1-164	BDL	0.14	BDL	0.81	BDL	0.39	BDL	0.12	BDL	0.4	BDL	0.07	BDL	0.05	BDL	0.57	BDL	0.31	BDL	0.13
4/24/2013 15:33	titan4	123	100	124	484	2533.177	Titan1-164	BDL	0.13	BDL	0.8	BDL	0.09	BDL	0.08	BDL	0.3	BDL	0.05	BDL	0.23	BDL	0.59	BDL	0.35	BDL	0.13
4/24/2013 15:34	titan4	124	100	124	482	2612.009	Titan1-164	BDL	0.14	BDL	0.8	BDL	0.15	BDL	0.17	BDL	0.4	BDL	0.18	BDL	0.08	BDL	0.59	BDL	0.35	BDL	0.13
4/24/2013 15:35	titan4	125	100	124	484	2726.896	Titan1-164	BDL	0.15	BDL	0.81	BDL	0.48	BDL	0.07	BDL	0.4	BDL	0.1	BDL	0.06	BDL	0.59	BDL	0.34	BDL	0.17
4/24/2013 15:36	titan4	126	100	124	480	1779.113	Titan1-164	BDL	0.15	BDL	0.8	BDL	0.03	BDL	0.08	BDL	0.1	BDL	0.15	BDL	0.1	BDL	0.55	BDL	0.28	BDL	0.08
4/24/2013 15:37	titan4	127	100	124	481	2778.585	Titan1-164	BDL	0.16	BDL	0.83	BDL	0.36	BDL	0.14	BDL	0	BDL	0.1	BDL	0.09	BDL	0.57	BDL	0.33	BDL	0.12
4/24/2013 15:38	titan4	128	100	124	480	2884.099	Titan1-164	BDL	0.15	BDL	0.78	BDL	0.08	BDL	0.07	BDL	0.2	BDL	0.06	BDL	0.37	BDL	0.59	BDL	0.34	BDL	0.16
4/24/2013 15:39	titan4	129	100	124	484	2849.259	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.04	BDL	0.05	BDL	0	BDL	0.11	BDL	0.36	BDL	0.51	BDL	0.34	BDL	0.03
4/24/2013 15:41	titan4	130	100	124	484	2801.237	Titan1-164	BDL	0.14	BDL	0.8	BDL	0.33	BDL	0.03	BDL	0.1	BDL	0.14	BDL	0.31	BDL	0.58	BDL	0.32	BDL	0.04
4/24/2013 15:42	titan4	131	100	124	480	2710.827	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.24	BDL	0.06	BDL	0.1	BDL	0.14	BDL	0.31	BDL	0.59	BDL	0.35	BDL	0.05
4/24/2013 15:43	titan4	132	100	124	480	2618.806	Titan1-164	BDL	0.14	BDL	0.8	BDL	0.33	BDL	0.06	BDL	0.1	BDL	0.1	BDL	0.28	BDL	0.58	BDL	0.33	BDL	0.1
4/24/2013 15:44	titan4	133	100	124	481	2617.13	Titan1-164	BDL	0.14	BDL	0.85	BDL	0.36	BDL	0.15	BDL	0	BDL	0.15	BDL	0.26	BDL	0.59	BDL	0.34	BDL	0.14
4/24/2013 15:45	titan4	134	100	124	484	2630.004	Titan1-164	BDL	0.14	BDL	0.81	BDL	0.33	BDL	0.06	BDL	0	BDL	0.05	BDL	0.36	BDL	0.59	BDL	0.35	BDL	0.11
4/24/2013 15:46	titan4	135	100	124	484	2643.875	Titan1-164	BDL	0.15	BDL	0.8	BDL	0.37	BDL	0.07	BDL	0.1	BDL	0.08	BDL	0.21	BDL	0.6	BDL	0.34	BDL	0.14
4/24/2013 15:47	titan4	136	100	124	484	2722.322	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.07	BDL	0.07	BDL	0.1	BDL	0.07	BDL	0.21	BDL	0.57	BDL	0.33	BDL	0.22
4/24/2013 15:48	titan4	137	100	124	484	2831.828	Titan1-164	BDL	0.16	BDL	0.79	BDL	0.28	BDL	0.13	BDL	0.5	BDL	0.16	BDL	0.2	BDL	0.53	BDL	0.33	BDL	0.12
4/24/2013 15:49	titan4	138	100	124	482	2845.299	Titan1-164	BDL	0.16	BDL	0.8	BDL	0.33	BDL	0.06	BDL	0.2	BDL	0.21	BDL	0.2	BDL	0.6	BDL	0.35	BDL	0.19
4/24/2013 15:50	titan4	139	100	124	484	2841.875	Titan1-164	BDL	0.16	BDL	0.78	BDL	0.19	BDL	0.07	BDL	0.7	BDL	0.12	BDL	0.35	BDL	0.54	BDL	0.34	BDL	0.1
4/24/2013 15:51	titan4	140	100	124	480	2927.639	Titan1-164	BDL	0.15	BDL	0.77	BDL	0.26	BDL	0.14	BDL	0.8	BDL	0.13	BDL	0.34	BDL	0.54	BDL	0.37	BDL	0.06
4/24/2013 15:52	titan4	141	100	124	482	2850.297	Titan1-164	BDL	0.15	BDL	0.78	BDL	0.26	BDL	0.11	BDL	0.7	BDL	0.08	BDL	0.38	BDL	0.52	BDL	0.35	BDL	0.06
4/24/2013 15:53	titan4	142	100	124	482	2765.15	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.27	BDL	0.02	BDL	0.7	BDL	0.15	BDL	0.38	BDL	0.56	BDL	0.33	BDL	0.07
4/24/2013 15:54	titan4	143	100	124	484	2751.57	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.22	BDL	0.07	BDL	0.6	BDL	0.1	BDL	0.37	BDL	0.58	BDL	0.35	BDL	0.06
4/24/2013 15:55	titan4	144	100	124	484	2678.363	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.32	BDL	0.03	BDL	0.3	BDL	0.22	BDL	0.36	BDL	0.56	BDL	0.35	BDL	0.03
4/24/2013 15:56	titan4	145	100	124	484	2625.433	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.32	BDL	0.15	BDL	0.1	BDL	0.1	BDL	0.38	BDL	0.59	BDL	0.35	BDL	0.04
4/24/2013 15:57	titan4	146	100	124	482	2584.49	Titan1-164	BDL	0.13	BDL	0.79	BDL	0.02	BDL	0.08	BDL	0.1	BDL	0.08	BDL	0.34	BDL	0.56	BDL	0.33	BDL	0.01
4/24/2013 15:58	titan4	147	100	124	484	2590.077	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.3	BDL	0.07	BDL	0	BDL	0.22	BDL	0.26	BDL	0.54	BDL	0.33	BDL	0.16
4/24/2013 15:59	titan4	148	100	124	484	2601.291	Titan1-164	BDL	0.15	BDL	0.8	BDL	0.34	BDL	0.04	BDL	0	BDL	0.22	BDL	0.19	BDL	0.55	BDL	0.34	BDL	0.17
4/24/2013 16:00	titan4	149	100	124	480	2739.6	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.12	BDL	0.08	BDL	0.3	BDL	0.05	BDL	0.23	BDL	0.58	BDL	0.34	BDL	0.17
4/24/2013 16:01	titan4	150	100	124	481	2768.712	Titan1-164	BDL	0.16	BDL	0.78	BDL	0.2	BDL	0.05	BDL	0.4	BDL	0.18	BDL	0.33	BDL	0.59	BDL	0.35	BDL	0.16
4/24/2013 16:02	titan4	151	100	124	482	2801.867	Titan1-164	BDL	0.16	BDL	0.78	BDL	0.13	BDL	0.14	BDL	0.6	BDL	0.09	BDL	0.37	BDL	0.54	BDL	0.32	BDL	0.12
4/24/2013 16:03	titan4	152	100	124	484	2811.51	Titan1-164	BDL	0.16	BDL	0.78	BDL	0.19	BDL	0.09	BDL	0.6	BDL	0.06	BDL	0.38	BDL	0.55	BDL	0.36	BDL	0.09
4/24/2013 16:04	titan4	153	100	124	482	2799.237	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.13	BDL	0.06	BDL	0.8	BDL	0.06	BDL	0.38	BDL	0.53	BDL	0.36	BDL	0.04
4/24/2013 16:05	titan4	154	100	124	484	2802.394	Titan1-164	BDL	0.14	BDL	0.8	BDL	0.34	BDL	0.04	BDL	0.2	BDL	0.18	BDL	0.39	BDL	0.6	BDL	0.36	BDL	0.05
4/24/2013 16:06	titan4	155	100	124	484	2790.922	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.15	BDL	0.03	BDL	0.8	BDL	0.19	BDL	0.37	BDL	0.54	BDL	0.36	BDL	0.03
4/24/2013 16:07	titan4	156	100	124	484	2635.418	Titan1-164	BDL	0.14	BDL	0.81	BDL	0.36	BDL	0.11	BDL	0.1	BDL	0.21	BDL	0.33	BDL	0.56	BDL	0.35	BDL	0.14
4/24/2013 16:14	titan4	163	100	124	482	1602.829	Titan1-164	BDL	0.17	BDL	0.83	BDL	0.33	BDL	0.04	BDL	0	BDL	0.12	BDL	0.29	BDL	0.56	BDL	0.26	BDL	0.13
4/24/2013 16:15	titan4	164	100	124	481	3024.038	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.35	BDL	0.06	BDL	0	BDL	0.12	BDL	0.09	BDL	0.57	BDL	0.36	BDL	0.17
4/24/2013 16:16	titan4	165	100	124	484	2999.796	Titan1-164	BDL	0.16	BDL	0.8	BDL	0.35	BDL	0.16	BDL	0	BDL	0.12	BDL	0.14	BDL	0.51	BDL	0.38	BDL	0.08
4/24/2013 16:18	titan4	166	100	124	481	3072.736	Titan1-164	BDL	0.17	BDL	0.82	BDL	0.34	BDL	0.11	BDL	0	BDL	0.3	BDL	0.01	BDL	0.55	BDL	0.36	BDL	0.12
4/24/2013 16:19	titan4	167	100	124	482	3074.633	Titan1-164	BDL	0.15	BDL	0.77	BDL	0.11	BDL	0.1	BDL	0.9	BDL	0.22	BDL	0.39	BDL	0.55	BDL	0.36	BDL	0.06
4/24/2013 16:20	titan4	168	100	124	484	3051.829	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.09	BDL	0.07	BDL	0.8	BDL	0.06	BDL	0.38	BDL	0.55	BDL	0.35	BDL	0.06
4/24/2013 16:21	titan4	169	100	124	482	2974.261	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.08	BDL	0.07	BDL	0.8	BDL	0.16	BDL	0.39	BDL	0.51	BDL	0.35	BDL	0.05
4/24/2013 16:22	titan4	170	100	124	484	2934.45	Titan1-164	BDL	0.15	BDL	0.8	BDL	0.35	BDL	0.09	BDL	0.3	BDL	0.11	BDL	0.39	BDL	0.56	BDL	0.33	BDL	0.04
4/24/2013 16:23	titan4	171	100	124	484	2832.773	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.16	BDL	0.12	BDL	0.5	BDL	0.21	BDL	0.38	BDL	0.56	BDL	0.35	BDL	0.03
4/24/2013 16:24	titan4	172	100	124	484	2769.839	Titan1-164	BDL	0.14	BDL	0.82	BDL	0.36	BDL	0.22	BDL	0	BDL	0.13	BDL	0.33	BDL	0.61	BDL	0.34	BDL	0.15
4/24/2013 16:25	titan4	173	100	124	482	2761.747	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.1	BDL	0.09	BDL	0.1	BDL	0.27	BDL	0.24	BDL	0.6	BDL	0.34	BDL	0.11
4/24/2013 16:26	titan4	174	100	124	482	2840.592	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.03	BDL	0.16	BDL	0.4	BDL	0.15	BDL	0.33	BDL	0.6	BDL	0.33	BDL	0.17
4/24/2013 16:27	titan4	175	100	124	482	2415.784	Titan1-164	BDL	0.17	BDL	0.85	BDL	0.35	BDL	0.23	BDL	0	BDL	0.17	BDL	0.2	BDL	0.59	BDL	0.31	BDL	0.13
4/24/2013 16:28	titan4	176	100	124	481	2860.05	Titan1-164	BDL	0.15	BDL	0.78	BDL	0.17	BDL	0.16	BDL	0.2	BDL	0.13	BDL	0.22	BDL	0.55	BDL	0.33	BDL	0.14
4/24/2013 16:29	titan4	177	100	124	484	2928.89	Titan1-164	BDL	0.15	BDL	0.78	BDL	0.05	BDL	0.05	BDL	0.6	BDL	0.12	BDL	0.38	BDL	0.56	BDL	0.35	BDL	0.06
4/24/2013 16:30	titan4	178	100	124	484	2877.27	Titan1-164	BDL	0.15	BDL	0.78	BDL	0.13	BDL	0.03	BDL	0.7	BDL	0.08	BDL	0.38	BDL	0.53	BDL	0.35	BDL	0.02
4/24/2013 16:31	titan4	179	100	124	481	2845.293	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.16	BDL	0.02	BDL	0.6	BDL	0.09	BDL	0.4	BDL	0.6	BDL	0.35	BDL	0.03
4/24/2013 16:32	titan4	180	100	124	484	2902.15	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.29	BDL	0.15	BDL	0.7	BDL	0.13	BDL	0.42	BDL	0.59	BDL	0.35	BDL	0.05
4/24/2013 16:33	titan4	181	100	124	484	3009.785	Titan1-164	BDL	0.15	BDL	0.78	BDL	0.29	BDL	0.05	BDL	0.9	BDL	0.15	BDL	0.44	BDL	0.63	BDL	0.35	BDL	0.01
4/24/2013 16:34	titan4	182	100	124	481	2875.555	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.28	BDL	0.11	BDL	0.7	BDL	0.08	BDL	0.35	BDL	0.59	BDL	0.35	BDL	0.04
4/24/2013 16:35	titan4	183	100	124	483	2787.65	Titan1-164	BDL	0.15	BDL	0.81	BDL	0.37	BDL	0.08	BDL	0.2	BDL	0.13	BDL	0.31	BDL	0.59	BDL	0.35	BDL	0.09
4/24/2013 16:36	titan4	184	100	124	484	2766.661	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.2	BDL	0.11	BDL	0.8	BDL	0.29	BDL	0.4	BDL	0.59	BDL	0.36	BDL	0.06
4/24/2013 16:37	titan4	185	100	124	484	2747.936	Titan1-164	BDL	0.15	BDL	0.81	BDL	0.29	BDL	0.08	BDL	0.2	BDL	0.16	BDL	0.34	BDL	0.58	BDL	0.32	BDL	0.14
4/24/2013 16:38	titan4	186	100	124	480	2714.743	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.19	BDL	0.18	BDL	0.7	BDL	0.17	BDL	0.38	BDL	0.57	BDL	0.36	BDL	0.05
4/24/2013 16:39	titan4	187	100	124	479	2640.342	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.3	BDL	0.12	BDL	0.4	BDL	0.09	BDL	0.36	BDL	0.59	BDL	0.35	BDL	0.16
4/24/2013 16:40	titan4	188	100	124	480	2639.14	Titan1-164	BDL	0.16	BDL	0.81	BDL	0.3	BDL	0.11	BDL	0	BDL	0.14	BDL	0.16	BDL	0.53	BDL	0.34	BDL	0.17
4/24/2013 16:41	titan4	189	100	124	480	2642.953	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.06	BDL	0.05	BDL	0.4	BDL	0.11	BDL	0.39	BDL	0.57	BDL	0.36	BDL	0.15
4/24/2013 16:42	titan4	190	100	124	480	2801.257	Titan1-164	BDL	0.15	BDL	0.78	BDL	0.06	BDL	0.07	BDL	0.7	BDL	0.07	BDL	0.32	BDL	0.59	BDL	0.35	BDL	0.19
4/24/2013 16:43	titan4	191	100	124	480	2867.785	Titan1-164	BDL	0.16	BDL	0.8	BDL	0.33	BDL	0.06	BDL	0.4	BDL	0.08	BDL	0.35	BDL	0.62	BDL	0.35	BDL	0.08
4/24/2013 16:44	titan4	192	100	124	480	2844.03	Titan1-164	BDL	0.15	BDL	0.78	BDL	0.13	BDL	0.02	BDL	0.9	BDL	0.11	BDL	0.38	BDL	0.54	BDL	0.37	BDL	0.03
4/24/2013 16:45	titan4	193	100	124	478	2842.763	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.2	BDL	0.1	BDL	0.8	BDL	0.11	BDL	0.44	BDL	0.6	BDL	0.36	BDL	0.04
4/24/2013 16:46	titan4	194	100	124	481	2817.125	Titan1-164	BDL	0.15	BDL	0.81	BDL	0.3	BDL	0.06	BDL	0.3	BDL	0.08	BDL	0.36	BDL	0.54	BDL	0.35	BDL	0.03
4/24/2013 16:47	titan4	195	100	124	480	2828.377	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.16	BDL	0.1	BDL	0.9	BDL	0.17	BDL	0.4	BDL	0.56	BDL	0.36	BDL	0.04
4/24/2013 16:48	titan4	196	100	124	479	2812.625	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.22	BDL	0.08	BDL	0.8	BDL	0.09	BDL	0.43	BDL	0.58	BDL	0.34	BDL	0.05
4/24/2013 16:49	titan4	197	100	124	480	2704.089	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.04	BDL	0.09	BDL	0.8	BDL	0.13	BDL	0.4	BDL	0.56	BDL	0.37	BDL	0.03
4/24/2013 16:50	titan4	198	100	124	477	2660.255	Titan1-164	BDL	0.13	BDL	0.79	BDL	0.12	BDL	0.06	BDL	0.8	BDL	0.18	BDL	0.41	BDL	0.61	BDL	0.35	BDL	0.05
4/24/2013 16:52	titan4	199	100	124	480	2665.573	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.08	BDL	0.04	BDL	0.8	BDL	0.07	BDL	0.42	BDL	0.52	BDL	0.36	BDL	0.02
4/24/2013 16:53	titan4	200	100	124	481	2649.953	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.08	BDL	0.05	BDL	0.7	BDL	0.12	BDL	0.39	BDL	0.65	BDL	0.35	BDL	0.03
4/24/2013 16:54	titan4	201	100	124	478	2630.714	Titan1-164	BDL	0.15	BDL	0.82	BDL	0.36	BDL	0.1	BDL	0	BDL	0.23	BDL	0.15	BDL	0.56	BDL	0.34	BDL	0.16
4/24/2013 16:55	titan4	202	100	124	479	2691.807	Titan1-164	BDL	0.16	BDL	0.79	BDL	0.09	BDL	0.05	BDL	0.7	BDL	0.16	BDL	0.33	BDL	0.6	BDL	0.34	BDL	0.15
4/24/2013 16:56	titan4	203	100	124	479	2715.691	Titan1-164	BDL	0.16	BDL	0.79	BDL	0.13	BDL	0.05	BDL	0.7	BDL	0.14	BDL	0.3	BDL	0.59	BDL	0.36	BDL	0.12
4/24/2013 16:57	titan4	204	100	124	479	2788.169	Titan1-164	BDL	0.15	BDL	0.78	BDL	0.08	BDL	0.14	BDL	0.8	BDL	0.12	BDL	0.33	BDL	0.56	BDL	0.36	BDL	0.19
4/24/2013 16:58	titan4	205	100	124	480	2809.191	Titan1-164	BDL	0.15	BDL	0.79	BDL	0.32	BDL	0.05	BDL	0.7	BDL	0.12	BDL	0.33	BDL	0.54	BDL	0.38	BDL	0.14
4/24/2013 16:59	titan4	206	100	124	480	2883.748	Titan1-164	BDL	0.16	BDL	0.82	BDL	0.31	BDL	0.09	BDL	0.1	BDL	0.24	BDL	0.31	BDL	0.53	BDL	0.38	BDL	0.06
4/24/2013 17:00	titan4	207	100	124	480	2893.042	Titan1-164	BDL	0.15	BDL	0.81	BDL	0.31	BDL	0.02	BDL	0.3	BDL	0.33	BDL	0.43	BDL	0.6	BDL	0.39	BDL	0.07
4/24/2013 17:01	titan4	208	100	124	480	2814.389	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.2	BDL	0.02	BDL	0.9	BDL	0.08	BDL	0.41	BDL	0.53	BDL	0.36	BDL	0.09
4/24/2013 17:02	titan4	209	100	124	480	2822.13	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.02	BDL	0.06	BDL	0.9	BDL	0.2	BDL	0.41	BDL	0.49	BDL	0.37	BDL	0.07
4/24/2013 17:03	titan4	210	100	124	480	2753.583	Titan1-164	BDL	0.13	BDL	0.78	BDL	0.15	BDL	0.03	BDL	0.9	BDL	0.16	BDL	0.41	BDL	0.6	BDL	0.36	BDL	0.06
4/24/2013 17:19	titan5	1	100	150	401	7436.134	Titan1-164	BDL	0.29	BDL	0.88	BDL	0.3	BDL	0.17	BDL	0.2	BDL	0.02	BDL	0.41	BDL	0.01	BDL	0.44	BDL	0.05
4/24/2013 17:20	titan5	2	100	150	398	7362.208	Titan1-164	BDL	0.05	BDL	0.85	BDL	0.17	BDL	0.3	BDL	0.7	BDL	0.12	BDL	0.43	BDL	0.1	BDL	0.45	BDL	0.07
4/24/2013 17:21	titan5	3	100	150	399	7386.496	Titan1-164	BDL	0.06	BDL	0.86	BDL	0.22	BDL	0.17	BDL	0.7	BDL	0.14	BDL	0.44	BDL	0.2	BDL	0.44	BDL	0.07
4/24/2013 17:22	titan5	4	100	150	400	7424.159	Titan1-164	BDL	0.05	BDL	0.86	BDL	0.25	BDL	0.27	BDL	0.6	BDL	0.07	BDL	0.42	BDL	0.04	BDL	0.46	BDL	0.08
4/24/2013 17:23	titan5	5	100	150	397	7523.276	Titan1-164	BDL	0.13	BDL	0.86	BDL	0.23	BDL	0.17	BDL	0.7	BDL	0.14	BDL	0.45	BDL	0.06	BDL	0.45	BDL	0.08
4/24/2013 17:24	titan5	6	100	150	400	7508.318	Titan1-164	BDL	0.18	BDL	0.85	BDL	0.06	BDL	0.11	BDL	0.8	BDL	0.13	BDL	0.44	BDL	0.12	BDL	0.46	BDL	0.1
4/24/2013 17:25	titan5	7	100	150	400	7374.282	Titan1-164	BDL	0.16	BDL	0.85	BDL	0.17	BDL	0.17	BDL	0.7	BDL	0.01	BDL	0.45	BDL	0.05	BDL	0.43	BDL	0.09
4/24/2013 17:26	titan5	8	100	150	397	7526.435	Titan1-164	BDL	0.04	BDL	0.85	BDL	0.17	BDL	0.26	BDL	0.7	BDL	0.07	BDL	0.44	BDL	0.18	BDL	0.44	BDL	0.06
4/24/2013 17:27	titan5	9	100	150	401	7709.83	Titan1-164	BDL	0.01	BDL	0.86	BDL	0.1	BDL	0.28	BDL	0.8	BDL	0.08	BDL	0.45	BDL	0.23	BDL	0.44	BDL	0.07
4/24/2013 17:28	titan5	10	100	150	401	7690.316	Titan1-164	BDL	0.09	BDL	0.85	BDL	0.06	BDL	0.22	BDL	0.8	BDL	0.07	BDL	0.45	BDL	0.04	BDL	0.44	BDL	0.07
4/24/2013 17:29	titan5	11	100	150	399	7576.478	Titan1-164	BDL	0.39	BDL	0.88	BDL	0.3	BDL	0.25	BDL	0.1	BDL	0.04	BDL	0.4	BDL	0.15	BDL	0.43	BDL	0.05
4/24/2013 17:30	titan5	12	100	150	397	7693.676	Titan1-164	BDL	0.01	BDL	0.87	BDL	0.24	BDL	0.19	BDL	0.6	BDL	0.17	BDL	0.43	BDL	0.04	BDL	0.42	BDL	0.11
4/24/2013 17:31	titan5	13	100	150	397	7603.926	Titan1-164	BDL	0.09	BDL	0.85	BDL	0.06	BDL	0.26	BDL	0.8	BDL	0.07	BDL	0.43	BDL	0.1	BDL	0.44	BDL	0.08
4/24/2013 17:32	titan5	14	100	150	399	7449.911	Titan1-164	BDL	0.12	BDL	0.86	BDL	0.19	BDL	0.07	BDL	0.7	BDL	0.11	BDL	0.45	BDL	0.06	BDL	0.46	BDL	0.1
4/24/2013 17:33	titan5	15	100	150	401	7518.928	Titan1-164	BDL	0.13	BDL	0.85	BDL	0.05	BDL	0.07	BDL	0.8	BDL	0.19	BDL	0.44	BDL	0.12	BDL	0.49	BDL	0.09
4/24/2013 17:34	titan5	16	100	150	401	7406.906	Titan1-164	BDL	0.15	BDL	0.85	BDL	0.06	BDL	0.12	BDL	0.8	BDL	0.08	BDL	0.45	BDL	0.11	BDL	0.48	BDL	0.09
4/24/2013 17:35	titan5	17	100	150	397	7345.618	Titan1-164	BDL	0.13	BDL	0.85	BDL	0.1	BDL	0.09	BDL	0.8	BDL	0.04	BDL	0.43	BDL	0.09	BDL	0.48	BDL	0.08
4/24/2013 17:36	titan5	18	100	150	399	7427.848	Titan1-164	BDL	0.12	BDL	0.85	BDL	0.05	BDL	0.15	BDL	0.8	BDL	0.12	BDL	0.41	BDL	0.09	BDL	0.46	BDL	0.08
4/24/2013 17:37	titan5	19	100	150	401	7055.041	Titan1-164	BDL	0.13	BDL	0.85	BDL	0.1	BDL	0.22	BDL	0.8	BDL	0.11	BDL	0.42	BDL	0.1	BDL	0.5	BDL	0.09
4/24/2013 17:38	titan5	20	100	150	401	7337.722	Titan1-164	BDL	0.12	BDL	0.85	BDL	0.06	BDL	0.16	BDL	0.8	BDL	0.12	BDL	0.42	BDL	0.22	BDL	0.47	BDL	0.09

Sample Date/Time	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
Maximum:	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/24/2013 15:04	0.00075	0.05	0.032756	0.98	BDL	0.09	BDL	0.65	0.009215	0.17	BDL	0.38	BDL	0.31	BDL	0.17	BDL	0.23	BDL	0.67	BDL	0.38	BDL	0.37
4/24/2013 15:05	0.002191	0.57	0.042814	0.98	BDL	0.09	BDL	0.5	0.009274	0.22	BDL	0.38	BDL	0.41	BDL	0.09	0.004943	0.37	BDL	0.71	BDL	0.41	BDL	0.35
4/24/2013 15:06	BDL	0	0.003155	0.28	BDL	0.03	BDL	0.05	0.007675	0.26	BDL	0.42	BDL	0.32	BDL	0.16	0.006853	0.62	BDL	0.63	BDL	0.49	BDL	0.34
4/24/2013 15:07	BDL	0.01	0.005398	0.6	BDL	0.11	BDL	0.04	0.006042	0.33	BDL	0.41	BDL	0.51	BDL	0.03	0.002666	0.22	BDL	0.69	BDL	0.8	BDL	0.34
4/24/2013 15:08	BDL	0.07	0.008514	0.42	BDL	0.14	BDL	0.21	0.011503	0.53	BDL	0.27	BDL	0.5	BDL	0.12	BDL	0.14	BDL	0.73	BDL	0.17	BDL	0.36
4/24/2013 15:09	BDL	0.04	BDL	0.01	BDL	0.13	BDL	0.39	0.025814	0.53	BDL	0.47	BDL	0.44	BDL	0.02	BDL	0.11	BDL	0.77	BDL	0.24	BDL	0.33
4/24/2013 15:10	BDL	0.04	0.011205	0.19	BDL	0.13	BDL	0.14	0.013968	0.43	BDL	0.33	BDL	0.24	BDL	0.05	BDL	0.11	BDL	0.78	BDL	0.51	BDL	0.37
4/24/2013 15:11	BDL	0.09	0.078274	0.94	BDL	0.15	BDL	0.62	0.008538	0.36	BDL	0.29	BDL	0.36	BDL	0.05	BDL	0.28	BDL	0.72	BDL	0.46	BDL	0.38
4/24/2013 15:12	BDL	0.32	0.060972	0.98	BDL	0.18	BDL	0.63	0.00473	0.17	BDL	0.33	BDL	0.27	BDL	0.02	BDL	0.29	BDL	0.73	BDL	0.57	BDL	0.34
4/24/2013 15:13	BDL	0.1	0.005205	0.78	BDL	0.14	BDL	0.52	0.007012	0.37	BDL	0.39	BDL	0.29	BDL	0.06	BDL	0.08	BDL	0.72	BDL	0.43	BDL	0.33
4/24/2013 15:14	BDL	0.01	0.006565	0.73	BDL	0.12	BDL	0.56	0.006112	0.32	BDL	0.35	BDL	0.4	BDL	0.06	BDL	0.13	BDL	0.69	BDL	0.52	BDL	0.34
4/24/2013 15:15	BDL	0.24	0.149547	0.98	BDL	0.18	BDL	0.61	0.002219	0.04	BDL	0.29	BDL	0.3	BDL	0.07	BDL	0.26	BDL	0.68	BDL	0.5	BDL	0.39
4/24/2013 15:16	BDL	0.01	0.025213	0.97	BDL	0.1	BDL	0.52	0.00451	0.19	BDL	0.37	BDL	0.18	BDL	0.11	BDL	0.2	BDL	0.69	BDL	0.74	BDL	0.37
4/24/2013 15:17	BDL	0.03	0.006345	0.31	BDL	0.01	BDL	0.05	0.010872	0.35	BDL	0.31	BDL	0.27	BDL	0.03	BDL	0.13	BDL	0.95	BDL	0.46	BDL	0.23
4/24/2013 15:18	BDL	0.17	0.019138	0.78	BDL	0.12	BDL	0.01	0.009831	0.31	BDL	0.33	BDL	0.23	BDL	0.07	BDL	0.09	BDL	0.96	BDL	0.25	BDL	0.28
4/24/2013 15:19	BDL	0.18	0.334678	0.97	BDL	0.18	BDL	0.49	0.006582	0.14	BDL	0.29	BDL	0.21	BDL	0.04	BDL	0.16	BDL	0.95	BDL	0.31	BDL	0.33
4/24/2013 15:20	BDL	0.2	0.112902	0.96	BDL	0.17	BDL	0.07	0.00836	0.2	BDL	0.29	BDL	0.29	BDL	0.06	BDL	0.08	BDL	0.96	BDL	0.4	BDL	0.31
4/24/2013 15:21	BDL	0.14	0.023198	0.86	BDL	0.13	BDL	0.23	0.010515	0.32	BDL	0.24	BDL	0.2	BDL	0.02	BDL	0.07	BDL	0.97	BDL	0.42	BDL	0.3
4/24/2013 15:22	BDL	0.07	0.012877	0.65	BDL	0.09	BDL	0.09	0.008451	0.19	BDL	0.3	BDL	0.33	BDL	0.04	BDL	0.13	BDL	0.97	BDL	0.44	BDL	0.29
4/24/2013 15:23	BDL	0.08	0.012003	0.56	BDL	0.09	BDL	0.04	0.010254	0.29	BDL	0.27	BDL	0.25	BDL	0.03	BDL	0.09	BDL	0.97	BDL	0.34	BDL	0.39
4/24/2013 15:24	BDL	0.19	0.006718	0.48	BDL	0.06	BDL	0.01	0.01298	0.42	BDL	0.31	BDL	0.26	BDL	0.04	0.005297	0.31	BDL	0.96	BDL	0.23	BDL	0.32
4/24/2013 15:25	BDL	0.06	0.011583	0.71	BDL	0.04	BDL	0.14	0.011308	0.26	BDL	0.29	BDL	0.29	BDL	0.05	0.010152	0.36	BDL	0.95	BDL	0.31	BDL	0.31
4/24/2013 15:26	BDL	0.03	0.005147	0.35	BDL	0.03	BDL	0.01	0.016938	0.23	BDL	0.33	BDL	0.37	BDL	0.01	0.008993	0.45	BDL	0.96	BDL	0.45	BDL	0.37
4/24/2013 15:27	BDL	0.04	0.006852	0.45	BDL	0.03	BDL	0.13	0.017038	0.29	BDL	0.28	BDL	0.24	BDL	0.02	0.009929	0.42	BDL	0.97	BDL	0.77	BDL	0.33
4/24/2013 15:28	BDL	0.06	0.01833	0.77	BDL	0.02	BDL	0.02	0.013467	0.39	BDL	0.35	BDL	0.14	BDL	0.02	0.011015	0.45	BDL	0.97	BDL	0.38	BDL	0.35
4/24/2013 15:29	BDL	0.02	0.009037	0.46	BDL	0.02	BDL	0.25	0.009192	0.26	BDL	0.32	BDL	0.32	BDL	0.04	0.007612	0.17	BDL	0.97	BDL	0.19	BDL	0.26
4/24/2013 15:30	BDL	0.05	0.007009	0.37	BDL	0.02	BDL	0.07	0.007857	0.19	BDL	0.32	BDL	0.31	BDL	0.04	BDL	0.07	BDL	0.97	BDL	0.22	BDL	0.31
4/24/2013 15:31	BDL	0.07	0.005328	0.23	BDL	0.02	BDL	0.17	0.008859	0.22	BDL	0.32	BDL	0.17	BDL	0.07	BDL	0.09	BDL	0.97	BDL	0.25	BDL	0.24
4/24/2013 15:32	BDL	0.21	0.021862	0.7	BDL	0.04	BDL	0.17	0.005542	0.09	BDL	0.31	BDL	0.23	BDL	0.01	BDL	0.05	BDL	0.96	BDL	0.16	BDL	0.29
4/24/2013 15:33	BDL	0.08	0.006924	0.35	BDL	0.05	BDL	0.03	0.009247	0.24	BDL	0.31	BDL	0.3	BDL	0.02	BDL	0.1	BDL	0.97	BDL	0.2	BDL	0.3
4/24/2013 15:34	BDL	0.07	0.00501	0.26	BDL	0.05	BDL	0.06	0.007106	0.15	BDL	0.3	BDL	0.14	BDL	0.04	BDL	0.18	BDL	0.96	BDL	0.36	BDL	0.34
4/24/2013 15:35	BDL	0.06	0.02073	0.73	BDL	0.09	BDL	0.16	0.009438	0.24	BDL	0.34	BDL	0.38	BDL	0.03	BDL	0.13	BDL	0.96	BDL	0.13	BDL	0.29
4/24/2013 15:36	BDL	0.09	0.007274	0.32	BDL	0.02	BDL	0.01	0.006648	0.1	BDL	0.34	BDL	0.28	BDL	0.03	BDL	0.12	BDL	0.94	BDL	0.25	BDL	0.29
4/24/2013 15:37	BDL	0.18	0.096004	0.94	BDL	0.07	BDL	0.11	0.009746	0.23	BDL	0.32	BDL	0.21	BDL	0.04	BDL	0.27	BDL	0.96	BDL	0.14	BDL	0.31
4/24/2013 15:38	BDL	0.01	0.004506	0.22	BDL	0.02	BDL	0.29	0.009595	0.27	BDL	0.29	BDL	0.27	BDL	0.02	BDL	0.13	BDL	0.96	BDL	0.39	BDL	0.36
4/24/2013 15:39	BDL	0.07	0.003694	0.16	BDL	0.02	BDL	0.32	0.010612	0.29	BDL	0.26	BDL	0.26	BDL	0.01	BDL	0.1	BDL	0.97	BDL	0.3	BDL	0.32
4/24/2013 15:41	BDL	0.02	0.015994	0.78	BDL	0.01	BDL	0.35	0.010405	0.3	BDL	0.29	BDL	0.23	BDL	0.03	BDL	0.13	BDL	0.97	BDL	0.43	BDL	0.28
4/24/2013 15:42	BDL	0.02	0.009055	0.48	BDL	0.02	BDL	0.29	0.010816	0.31	BDL	0.27	BDL	0.27	BDL	0.03	BDL	0.08	BDL	0.97	BDL	0.17	BDL	0.31
4/24/2013 15:43	BDL	0.17	0.010319	0.6	BDL	0.02	BDL	0.22	0.01142	0.33	BDL	0.26	BDL	0.21	BDL	0.06	BDL	0.09	BDL	0.97	BDL	0.33	BDL	0.27
4/24/2013 15:44	BDL	0.09	0.148653	0.96	BDL	0.11	BDL	0.03	0.010421	0.29	BDL	0.32	BDL	0.25	BDL	0.01	BDL	0.27	BDL	0.97	BDL	0.57	BDL	0.31
4/24/2013 15:45	BDL	0.16	0.02785	0.85	BDL	0.03	BDL	0.09	0.00953	0.29	BDL	0.36	BDL	0.2	BDL	0.03	BDL	0.19	BDL	0.97	BDL	0.34	BDL	0.28
4/24/2013 15:46	BDL	0.15	0.013788	0.68	BDL	0.07	BDL	0.1	0.008549	0.2	BDL	0.31	BDL	0.3	BDL	0.03	BDL	0.16	BDL	0.96	BDL	0.33	BDL	0.28
4/24/2013 15:47	BDL	0.1	0.004185	0.27	BDL	0.06	BDL	0.01	0.010567	0.28	BDL	0.26	BDL	0.24	BDL	0.08	BDL	0.13	BDL	0.96	BDL	0.29	BDL	0.29
4/24/2013 15:48	BDL	0.03	0.007247	0.46	BDL	0.04	BDL	0.01	0.008931	0.24	BDL	0.4	BDL	0.2	BDL	0.12	BDL	0.2	BDL	0.96	BDL	0.24	BDL	0.29
4/24/2013 15:49	BDL	0.06	0.033475	0.9	BDL	0.09	BDL	0.03	0.012261	0.31	BDL	0.28	BDL	0.2	BDL	0.06	BDL	0.05	BDL	0.96	BDL	0.37	BDL	0.31
4/24/2013 15:50	BDL	0.07	0.00363	0.23	BDL	0.07	BDL	0.17	0.011316	0.34	BDL	0.29	BDL	0.39	BDL	0.08	BDL	0.03	BDL	0.96	BDL	0.43	BDL	0.32
4/24/2013 15:51	BDL	0.03	0.004571	0.23	BDL	0.03	BDL	0.28	0.014825	0.43	BDL	0.3	BDL	0.3	BDL	0.02	0.009505	0.41	BDL	0.96	BDL	0.27	BDL	0.31
4/24/2013 15:52	BDL	0.07	0.010397	0.65	BDL	0.06	BDL	0.37	0.012205	0.39	BDL	0.28	BDL	0.15	BDL	0.06	BDL	0.04	BDL	0.97	BDL	0.33	BDL	0.28
4/24/2013 15:53	BDL	0.12	0.008451	0.45	BDL	0.04	BDL	0.42	0.014136	0.49	BDL	0.31	BDL	0.21	BDL	0.05	0.006524	0.2	BDL	0.97	BDL	0.15	BDL	0.26
4/24/2013 15:54	BDL	0.03	0.00584	0.4	BDL	0.02	BDL	0.4	0.011784	0.38	BDL	0.31	BDL	0.29	BDL	0.03	0.007025	0.24	BDL	0.97	BDL	0.4	BDL	0.26
4/24/2013 15:55	BDL	0.11	0.003121	0.17	BDL	0.01	BDL	0.35	0.01201	0.41	BDL	0.36	BDL	0.18	BDL	0.05	BDL	0.12	BDL	0.97	BDL	0.24	BDL	0.29
4/24/2013 15:56	BDL	0.05	0.011536	0.61	BDL	0.03	BDL	0.34	0.012767	0.44	BDL	0.28	BDL	0.17	BDL	0.04	BDL	0.21	BDL	0.97	BDL	0.56	BDL	0.25
4/24/2013 15:57	BDL	0.02	BDL	0.24	BDL	0.02	BDL	0.35	0.013224	0.42	BDL	0.29	BDL	0.14	BDL	0.05	BDL	0.02	BDL	0.98	BDL	0.4	BDL	0.25
4/24/2013 15:58	BDL	0.02	0.005437	0.37	BDL	0.08	BDL	0.01	0.008845	0.23	BDL	0.34	BDL	0.14	BDL	0.04	BDL	0.14	BDL	0.97	BDL	0.48	BDL	0.33
4/24/2013 15:59	BDL	0.05	0.006474	0.37	BDL	0.05	BDL	0.01	0.008877	0.26	BDL	0.34	BDL	0.33	BDL	0.03	BDL	0.06	BDL	0.96	BDL	0.17	BDL	0.29
4/24/2013 16:00	BDL	0.04	BDL	0.34	BDL	0.08	BDL	0.05	0.011824	0.37	BDL	0.32	BDL	0.22	BDL	0.03	BDL	0.23	BDL	0.96	BDL	0.25	BDL	0.31
4/24/2013 16:01	BDL	0.07	BDL	0.2	BDL	0.02	BDL	0.18	0.011786	0.37	BDL	0.33	BDL	0.32	BDL	0.06	BDL	0.08	BDL	0.96	BDL	0.29	BDL	0.28
4/24/2013 16:02	BDL	0.09	0.003544	0.28	BDL	0.02	BDL	0.26	0.009997	0.27	BDL	0.29	BDL	0.29	BDL	0.05	BDL	0.11	BDL	0.96	BDL	0.29	BDL	0.33
4/24/2013 16:03	BDL	0.09	0.003147	0.2	BDL	0.02	BDL	0.27	0.011826	0.35	BDL	0.28	BDL	0.24	BDL	0.04	BDL	0.09	BDL	0.97	BDL	0.57	BDL	0.31
4/24/2013 16:04	BDL	0.04	0.004567	0.26	BDL	0.01	BDL	0.36	0.013075	0.47	BDL	0.32	BDL	0.27	BDL	0.05	BDL	0.09	BDL	0.97	BDL	0.4	BDL	0.29
4/24/2013 16:05	BDL	0.01	0.043617	0.93	BDL	0.01	BDL	0.37	0.0122	0.44	BDL	0.26	BDL	0.25	BDL	0.02	BDL	0.1	BDL	0.97	BDL	0.31	BDL	0.26
4/24/2013 16:06	BDL	0.01	BDL	0.21	BDL	0.01	BDL	0.41	0.012285	0.41	BDL	0.27	BDL	0.15	BDL	0.05	BDL	0.05	BDL	0.97	BDL	0.26	BDL	0.32
4/24/2013 16:07	BDL	0.02	0.057306	0.94	BDL	0.04	BDL	0.35	0.011331	0.42	BDL	0.31	BDL	0.24	BDL	0.03	BDL	0.09	BDL	0.97	BDL	0.15	BDL	0.25
4/24/2013 16:14	BDL	0.19	0.327155	0.95	BDL	0.13	BDL	0.53	BDL	0.08	BDL	0.3	BDL	0.27	BDL	0.04	BDL	0.06	BDL	0.92	BDL	0.19	BDL	0.28
4/24/2013 16:15	BDL	0.06	0.090336	0.93	BDL	0.09	BDL	0.52	0.00931	0.3	BDL	0.38	BDL	0.26	BDL	0.07	0.003895	0.17	BDL	0.94	BDL	0.53	BDL	0.31
4/24/2013 16:16	BDL	0.02	0.100843	0.96	BDL	0.05	BDL	0.05	0.012433	0.24	BDL	0.35	BDL	0.29	BDL	0.06	0.010248	0.5	BDL	0.96	BDL	0.39	BDL	0.35
4/24/2013 16:18	BDL	0.14	0.198082	0.95	BDL	0.07	BDL	0.35	0.009544	0.23	BDL	0.33	BDL	0.26	BDL	0.04	BDL	0.04	BDL	0.95	BDL	0.33	BDL	0.37
4/24/2013 16:19	BDL	0.01	0.003369	0.19	BDL	0.03	BDL	0.38	0.011481	0.46	BDL	0.37	BDL	0.31	BDL	0.07	0.004598	0.15	BDL	0.97	BDL	0.37	BDL	0.37
4/24/2013 16:20	BDL	0.01	0.003399	0.23	BDL	0.02	BDL	0.37	0.01139	0.39	BDL	0.31	BDL	0.3	BDL	0.05	0.004205	0.15	BDL	0.97	BDL	0.25	BDL	0.34
4/24/2013 16:21	BDL	0.06	BDL	0.19	BDL	0.01	BDL	0.42	0.011857	0.39	BDL	0.32	BDL	0.3	BDL	0.03	BDL	0.06	BDL	0.97	BDL	0.32	BDL	0.33
4/24/2013 16:22	BDL	0.03	0.02901	0.91	BDL	0.03	BDL	0.37	0.011659	0.37	BDL	0.36	BDL	0.25	BDL	0.06	BDL	0.13	BDL	0.97	BDL	0.45	BDL	0.32
4/24/2013 16:23	BDL	0.07	BDL	0.25	BDL	0.01	BDL	0.33	0.010503	0.3	BDL	0.29	BDL	0.29	BDL	0.02	BDL	0.06	BDL	0.97	BDL	0.26	BDL	0.29
4/24/2013 16:24	BDL	0.04	0.075842	0.94	BDL	0.06	BDL	0.15	0.00843	0.22	BDL	0.31	BDL	0.15	BDL	0.01	0.005338	0.19	BDL	0.97	BDL	0.29	BDL	0.3
4/24/2013 16:25	BDL	0.06	0.003914	0.23	BDL	0.08	BDL	0.02	0.008737	0.25	BDL	0.33	BDL	0.24	BDL	0.02	BDL	0.19	BDL	0.97	BDL	0.33	BDL	0.3
4/24/2013 16:26	BDL	0.03	BDL	0.16	BDL	0.04	BDL	0.21	0.010656	0.3	BDL	0.34	BDL	0.2	BDL	0.02	BDL	0.17	BDL	0.97	BDL	0.33	BDL	0.32
4/24/2013 16:27	BDL	0.12	0.174715	0.94	BDL	0.14	BDL	0.54	0.005402	0.08	BDL	0.3	BDL	0.14	BDL	0.07	BDL	0.24	BDL	0.94	BDL	0.35	BDL	0.31
4/24/2013 16:28	BDL	0.03	0.006384	0.37	BDL	0.05	BDL	0.04	0.009957	0.32	BDL	0.32	BDL	0.18	BDL	0.08	BDL	0.08	BDL	0.96	BDL	0.22	BDL	0.28
4/24/2013 16:29	BDL	0.08	0.002442	0.11	BDL	0.04	BDL	0.2	0.012117	0.33	BDL	0.29	BDL	0.34	BDL	0.04	BDL	0.07	BDL	0.97	BDL	0.4	BDL	0.25
4/24/2013 16:30	BDL	0.04	0.004822	0.32	BDL	0.02	BDL	0.28	0.011554	0.37	BDL	0.33	BDL	0.3	BDL	0.11	BDL	0.04	BDL	0.97	BDL	0.23	BDL	0.31
4/24/2013 16:31	BDL	0.15	0.004386	0.23	BDL	0.01	BDL	0.4	0.013266	0.44	BDL	0.28	BDL	0.21	BDL	0.05	BDL	0.08	BDL	0.98	BDL	0.4	BDL	0.28
4/24/2013 16:32	BDL	0.02	0.019789	0.86	BDL	0.02	BDL	0.39	0.013208	0.37	BDL	0.31	BDL	0.23	BDL	0.06	BDL	0.07	BDL	0.97	BDL	0.41	BDL	0.29
4/24/2013 16:33	BDL	0.01	0.008837	0.46	BDL	0.01	BDL	0.23	0.011572	0.35	BDL	0.34	BDL	0.21	BDL	0.05	BDL	0.05	BDL	0.97	BDL	0.46	BDL	0.32
4/24/2013 16:34	BDL	0.04	0.015267	0.74	BDL	0.01	BDL	0.33	0.012033	0.37	BDL	0.36	BDL	0.22	BDL	0.04	BDL	0.08	BDL	0.97	BDL	0.4	BDL	0.27
4/24/2013 16:35	BDL	0.07	0.037018	0.9	BDL	0.04	BDL	0.27	0.010585	0.34	BDL	0.36	BDL	0.18	BDL	0.06	BDL	0.15	BDL	0.97	BDL	0.45	BDL	0.33
4/24/2013 16:36	BDL	0.06	0.007067	0.43	BDL	0.03	BDL	0.31	0.010203	0.3	BDL	0.3	BDL	0.27	BDL	0.08	BDL	0.06	BDL	0.97	BDL	0.3	BDL	0.3
4/24/2013 16:37	BDL	0.03	0.037441	0.93	BDL	0.06	BDL	0.16	0.010192	0.27	BDL	0.26	BDL	0.23	BDL	0.02	BDL	0.08	BDL	0.97	BDL	0.27	BDL	0.35
4/24/2013 16:38	BDL	0.02	0.003562	0.17	BDL	0.02	BDL	0.37	0.011708	0.36	BDL	0.32	BDL	0.18	BDL	0.07	BDL	0.11	BDL	0.98	BDL	0.4	BDL	0.29
4/24/2013 16:39	BDL	0.08	0.011232	0.67	BDL	0.01	BDL	0.19	0.010096	0.31	BDL	0.27	BDL	0.18	BDL	0.06	BDL	0.19	BDL	0.97	BDL	0.37	BDL	0.27
4/24/2013 16:40	BDL	0.13	0.027417	0.88	BDL	0.07	BDL	0.15	0.008312	0.2	BDL	0.34	BDL	0.21	BDL	0.02	BDL	0.1	BDL	0.97	BDL	0.56	BDL	0.32
4/24/2013 16:41	BDL	0.1	BDL	0.28	BDL	0.1	BDL	0.06	0.009993	0.27	BDL	0.29	BDL	0.25	BDL	0.03	0.006327	0.18	BDL	0.97	BDL	0.3	BDL	0.28
4/24/2013 16:42	BDL	0.03	BDL	0.12	BDL	0.05	BDL	0.1	0.01119	0.28	BDL	0.25	BDL	0.32	BDL	0.08	BDL	0.25	BDL	0.97	BDL	0.41	BDL	0.3
4/24/2013 16:43	BDL	0.04	0.032364	0.91	BDL	0.1	BDL	0.02	0.008753	0.24	BDL	0.3	BDL	0.32	BDL	0.06	BDL	0.14	BDL	0.96	BDL	0.22	BDL	0.3
4/24/2013 16:44	BDL	0.01	0.005577	0.32	BDL	0.04	BDL	0.3	0.012062	0.38	BDL	0.43	BDL	0.43	BDL	0.05	BDL	0.11	BDL	0.97	BDL	0.21	BDL	0.3
4/24/2013 16:45	BDL	0.05	0.013475	0.68	BDL	0.01	BDL	0.38	0.012532	0.45	BDL	0.35	BDL	0.26	BDL	0.11	BDL	0.04	BDL	0.98	BDL	0.21	BDL	0.28
4/24/2013 16:46	BDL	0.07	0.040739	0.94	BDL	0.03	BDL	0.31	0.012638	0.42	BDL	0.37	BDL	0.21	BDL	0.05	BDL	0.13	BDL	0.97	BDL	0.38	BDL	0.29
4/24/2013 16:47	BDL	0.15	0.004979	0.29	BDL	0	BDL	0.38	0.013084	0.4	BDL	0.42	BDL	0.22	BDL	0.03	0.004246	0.09	BDL	0.98	BDL	0.37	BDL	0.25
4/24/2013 16:48	BDL	0.02	0.012945	0.75	BDL	0.05	BDL	0.32	0.011597	0.36	BDL	0.29	BDL	0.2	BDL	0.03	0.005743	0.15	BDL	0.97	BDL	0.25	BDL	0.27
4/24/2013 16:49	BDL	0.04	BDL	0.13	BDL	0.02	BDL	0.46	0.014194	0.46	BDL	0.26	BDL	0.21	BDL	0.06	0.004235	0.07	BDL	0.98	BDL	0.56	BDL	0.31
4/24/2013 16:50	BDL	0.02	0.00343	0.16	BDL	0.02	BDL	0.46	0.013483	0.43	BDL	0.21	BDL	0.34	BDL	0.05	0.005712	0.18	BDL	0.98	BDL	0.36	BDL	0.22
4/24/2013 16:52	BDL	0.06	0.003709	0.23	BDL	0.01	BDL	0.37	0.014113	0.45	BDL	0.32	BDL	0.14	BDL	0.03	BDL	0.21	BDL	0.98	BDL	0.32	BDL	0.24
4/24/2013 16:53	BDL	0.09	BDL	0.13	BDL	0.02	BDL	0.31	0.010788	0.29	BDL	0.28	BDL	0.16	BDL	0.02	0.00851	0.23	BDL	0.98	BDL	0.2	BDL	0.22
4/24/2013 16:54	BDL	0.14	0.058444	0.93	BDL	0.13	BDL	0.24	0.007711	0.18	BDL	0.3	BDL	0.32	BDL	0.04	BDL	0.09	BDL	0.97	BDL	0.38	BDL	0.32
4/24/2013 16:55	BDL	0.02	BDL	0.22	BDL	0.07	BDL	0.02	0.010984	0.33	BDL	0.25	BDL	0.17	BDL	0.05	BDL	0.2	BDL	0.97	BDL	0.44	BDL	0.3
4/24/2013 16:56	BDL	0.07	BDL	0.12	BDL	0.08	BDL	0.04	0.009756	0.29	BDL	0.28	BDL	0.33	BDL	0.05	BDL	0.25	BDL	0.97	BDL	0.43	BDL	0.29
4/24/2013 16:57	BDL	0.09	0.003919	0.26	BDL	0.04	BDL	0.12	0.010255	0.28	BDL	0.32	BDL	0.22	BDL	0.1	0.004688	0.13	BDL	0.97	BDL	0.61	BDL	0.27
4/24/2013 16:58	BDL	0.06	0.018201	0.79	BDL	0.06	BDL	0.18	0.010723	0.34	BDL	0.39	BDL	0.3	BDL	0.03	BDL	0.07	BDL	0.97	BDL	0.32	BDL	0.3
4/24/2013 16:59	BDL	0.08	0.092596	0.94	BDL	0.07	BDL	0.11	0.01056	0.35	BDL	0.38	BDL	0.35	BDL	0.11	0.004999	0.23	BDL	0.97	BDL	0.23	BDL	0.32
4/24/2013 17:00	BDL	0.02	0.055221	0.96	BDL	0.02	BDL	0.44	0.011771	0.35	BDL	0.47	BDL	0.36	BDL	0.05	0.006253	0.16	BDL	0.97	BDL	0.53	BDL	0.29
4/24/2013 17:01	BDL	0.08	0.003481	0.16	BDL	0.04	BDL	0.44	0.013468	0.49	BDL	0.3	BDL	0.31	BDL	0.05	0.006594	0.19	BDL	0.98	BDL	0.47	BDL	0.31
4/24/2013 17:02	BDL	0.06	0.002093	0.07	BDL	0.05	BDL	0.4	0.012999	0.47	BDL	0.34	BDL	0.24	BDL	0.07	BDL	0.08	BDL	0.98	BDL	0.18	BDL	0.28
4/24/2013 17:03	BDL	0.03	0.004378	0.26	BDL	0.03	BDL	0.42	0.013381	0.48	BDL	0.33	BDL	0.28	BDL	0.11	BDL	0.22	BDL	0.98	BDL	0.42	BDL	0.25
4/24/2013 17:19	BDL	0.01	0.230608	0.98	BDL	0.28	BDL	0.36	0.004695	0.2	BDL	0.07	BDL	0.1	BDL	0.06	BDL	0.1	BDL	0.12	BDL	0.28	BDL	0.15
4/24/2013 17:20	BDL	0.04	0.024109	0.9	BDL	0.02	BDL	0.46	0.0086	0.46	BDL	0.17	BDL	0.18	BDL	0.03	BDL	0.1	BDL	0.86	BDL	0.43	BDL	0.11
4/24/2013 17:21	BDL	0.02	0.039964	0.94	BDL	0.05	BDL	0.48	0.008592	0.39	BDL	0.2	BDL	0.13	BDL	0.03	BDL	0.07	BDL	0.85	BDL	0.52	BDL	0.14
4/24/2013 17:22	BDL	0.01	0.066633	0.96	BDL	0.07	BDL	0.48	0.00918	0.46	BDL	0.23	BDL	0.06	BDL	0.12	BDL	0.03	BDL	0.82	BDL	0.38	BDL	0.12
4/24/2013 17:23	BDL	0.01	0.045872	0.94	BDL	0.03	BDL	0.52	0.010703	0.48	BDL	0.28	BDL	0.16	BDL	0.09	BDL	0.08	BDL	0.77	BDL	0.4	BDL	0.29
4/24/2013 17:24	BDL	0.02	0.002446	0.06	BDL	0.15	BDL	0.51	0.011864	0.55	BDL	0.18	BDL	0.21	BDL	0.2	BDL	0.12	BDL	0.77	BDL	0.37	BDL	0.4
4/24/2013 17:25	BDL	0.02	0.020687	0.9	BDL	0.13	BDL	0.51	0.011961	0.49	BDL	0.18	BDL	0.19	BDL	0.17	BDL	0.04	BDL	0.77	BDL	0.18	BDL	0.39
4/24/2013 17:26	BDL	0.03	0.019242	0.9	BDL	0.16	BDL	0.47	0.006268	0.28	BDL	0.06	BDL	0.08	BDL	0.08	BDL	0.08	BDL	0.05	BDL	0.27	BDL	0.04
4/24/2013 17:27	BDL	0.02	0.007406	0.56	BDL	0.16	BDL	0.48	0.006342	0.29	BDL	0.12	BDL	0.31	BDL	0.2	BDL	0.05	BDL	0.39	BDL	0.13	BDL	0.11
4/24/2013 17:28	BDL	0.05	0.00114	0.02	BDL	0.03	BDL	0.51	0.007579	0.4	BDL	0.21	BDL	0.24	BDL	0.19	BDL	0.05	BDL	0.74	BDL	0.5	BDL	0.25
4/24/2013 17:29	BDL	0.01	0.24396	0.97	BDL	0.3	BDL	0.39	0.004553	0.15	BDL	0.07	BDL	0.04	BDL	0.12	BDL	0.21	BDL	0.05	BDL	0.66	BDL	0.12
4/24/2013 17:30	BDL	0.01	0.071074	0.97	BDL	0.19	BDL	0.44	0.005595	0.25	BDL	0.04	BDL	0.14	BDL	0.05	BDL	0.15	BDL	0.61	BDL	0.7	BDL	0.08
4/24/2013 17:31	BDL	0.03	0.001972	0.05	BDL	0.03	BDL	0.5	0.00741	0.32	BDL	0.17	BDL	0.05	BDL	0.16	BDL	0.02	BDL	0.81	BDL	0.49	BDL	0.26
4/24/2013 17:32	BDL	0.03	0.038159	0.93	BDL	0.03	BDL	0.48	0.009882	0.49	BDL	0.2	BDL	0.18	BDL	0.03	BDL	0.05	BDL	0.83	BDL	0.48	BDL	0.32
4/24/2013 17:33	BDL	0.03	0.001891	0.04	BDL	0.05	BDL	0.48	0.009607	0.51	BDL	0.19	BDL	0.26	BDL	0.01	BDL	0.09	BDL	0.82	BDL	0.67	BDL	0.35
4/24/2013 17:34	BDL	0.05	0.001689	0.03	BDL	0.17	BDL	0.5	0.011891	0.5	BDL	0.2	BDL	0.42	BDL	0.13	BDL	0.06	BDL	0.82	BDL	0.75	BDL	0.32
4/24/2013 17:35	BDL	0.05	0.005692	0.32	BDL	0.09	BDL	0.5	0.01193	0.48	BDL	0.2	BDL	0.31	BDL	0.13	BDL	0.08	BDL	0.84	BDL	0.51	BDL	0.37
4/24/2013 17:36	BDL	0.02	BDL	0.02	BDL	0.14	BDL	0.51	0.011119	0.55	BDL	0.2	BDL	0.31	BDL	0.16	BDL	0.04	BDL	0.84	BDL	0.41	BDL	0.24
4/24/2013 17:37	BDL	0.03	0.008268	0.53	BDL	0.05	BDL	0.49	0.011592	0.55	BDL	0.28	BDL	0.23	BDL	0.03	BDL	0.08	BDL	0.82	BDL	0.66	BDL	0.24
4/24/2013 17:38	BDL	0.02	0.002235	0.05	BDL	0.06	BDL	0.47	0.011159	0.52	BDL	0.22	BDL	0.29	BDL	0.05	BDL	0.15	BDL	0.86	BDL	0.71	BDL	0.16

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Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/24/2013 17:39	titan5	21	100	150	401	7446.408	Titan1-164	BDL	0.16	BDL	0.85	BDL	0.2	BDL	0.12	BDL	0.7	BDL	0.07	BDL	0.42	BDL	0.07	BDL	0.48	BDL	0.1	BDL	0.05	0.033257	0.92	BDL	0.1	BDL	0.49	0.012918	0.58	BDL	0.18	BDL	0.21	BDL	0.1	BDL	0.06	BDL	0.82	BDL	0.22	BDL	0.33
4/24/2013 17:40	titan5	22	100	150	401	7431.033	Titan1-164	BDL	0.16	BDL	0.85	BDL	0.04	BDL	0.11	BDL	0.8	BDL	0.1	BDL	0.44	BDL	0.1	BDL	0.46	BDL	0.08	BDL	0.03	0.001674	0.03	BDL	0.09	BDL	0.5	0.013472	0.56	BDL	0.17	BDL	0.28	BDL	0.14	BDL	0.04	BDL	0.81	BDL	0.72	BDL	0.29
4/24/2013 17:41	titan5	23	100	150	401	7468.025	Titan1-164	BDL	0.16	BDL	0.86	BDL	0.16	BDL	0.28	BDL	0.7	BDL	0.13	BDL	0.44	BDL	0.07	BDL	0.49	BDL	0.08	BDL	0.02	0.023141	0.89	BDL	0.07	BDL	0.49	0.012871	0.58	BDL	0.16	BDL	0.24	BDL	0.07	BDL	0.05	BDL	0.8	BDL	0.43	BDL	0.32
4/24/2013 17:42	titan5	24	100	150	401	7397.695	Titan1-164	BDL	0.16	BDL	0.85	BDL	0.07	BDL	0.11	BDL	0.8	BDL	0.16	BDL	0.46	BDL	0.05	BDL	0.49	BDL	0.09	BDL	0.03	0.005066	0.24	BDL	0.12	BDL	0.51	0.012352	0.53	BDL	0.2	BDL	0.37	BDL	0.07	BDL	0.07	BDL	0.8	BDL	0.31	BDL	0.33
4/24/2013 17:44	titan5	25	100	150	401	7493.23	Titan1-164	BDL	0.1	BDL	0.87	BDL	0.25	BDL	0.19	BDL	0.6	BDL	0.14	BDL	0.46	BDL	0.02	BDL	0.47	BDL	0.09	BDL	0.01	0.076006	0.96	BDL	0.12	BDL	0.49	0.009649	0.4	BDL	0.15	BDL	0.32	BDL	0.07	BDL	0.08	BDL	0.72	BDL	0.44	BDL	0.18
4/24/2013 17:45	titan5	26	100	150	401	7647.868	Titan1-164	BDL	0.04	BDL	0.85	BDL	0.04	BDL	0.15	BDL	0.8	BDL	0.08	BDL	0.47	BDL	0.16	BDL	0.48	BDL	0.06	BDL	0.03	0.001655	0.06	BDL	0.14	BDL	0.45	0.007232	0.34	BDL	0.12	BDL	0.16	BDL	0.07	BDL	0.12	BDL	0.58	BDL	0.41	BDL	0.1
4/24/2013 17:46	titan5	27	100	150	401	7586.867	Titan1-164	BDL	0.01	BDL	0.86	BDL	0.2	BDL	0.21	BDL	0.7	BDL	0.15	BDL	0.43	BDL	0.13	BDL	0.48	BDL	0.07	BDL	0.03	0.036289	0.95	BDL	0.13	BDL	0.52	0.008017	0.38	BDL	0.1	BDL	0.1	BDL	0.03	BDL	0.03	BDL	0.7	BDL	0.19	BDL	0.23
4/24/2013 17:47	titan5	28	100	150	401	7509.164	Titan1-164	BDL	0.04	BDL	0.85	BDL	0.07	BDL	0.11	BDL	0.8	BDL	0.17	BDL	0.44	BDL	0.13	BDL	0.49	BDL	0.06	BDL	0.05	0.007249	0.6	BDL	0.11	BDL	0.49	0.007393	0.34	BDL	0.28	BDL	0.18	BDL	0.05	BDL	0.06	BDL	0.85	BDL	0.3	BDL	0.13
4/24/2013 17:48	titan5	29	100	150	401	7323.742	Titan1-164	BDL	0.05	BDL	0.85	BDL	0.1	BDL	0.13	BDL	0.8	BDL	0.13	BDL	0.43	BDL	0.12	BDL	0.47	BDL	0.07	BDL	0.04	0.01183	0.75	BDL	0.11	BDL	0.47	0.008131	0.35	BDL	0.3	BDL	0.17	BDL	0.15	BDL	0.07	BDL	0.91	BDL	0.2	BDL	0.28
4/24/2013 17:49	titan5	30	100	150	401	7140.561	Titan1-164	BDL	0.09	BDL	0.85	BDL	0.06	BDL	0.22	BDL	0.8	BDL	0.12	BDL	0.44	BDL	0.42	BDL	0.47	BDL	0.08	BDL	0.03	BDL	0.06	BDL	0.04	BDL	0.48	0.008436	0.38	BDL	0.16	BDL	0.04	BDL	0.28	BDL	0.05	BDL	0.92	BDL	0.63	BDL	0.36
4/24/2013 17:50	titan5	31	100	150	401	7137.5	Titan1-164	BDL	0.09	BDL	0.85	BDL	0.06	BDL	0.18	BDL	0.8	BDL	0.15	BDL	0.45	BDL	0.37	BDL	0.47	BDL	0.1	BDL	0.03	BDL	0.03	BDL	0.03	BDL	0.49	0.009897	0.44	BDL	0.22	BDL	0.04	BDL	0.03	BDL	0.07	BDL	0.92	BDL	0.51	BDL	0.2
4/24/2013 17:51	titan5	32	100	150	401	7209.54	Titan1-164	BDL	0.14	BDL	0.85	BDL	0.05	BDL	0.23	BDL	0.8	BDL	0.1	BDL	0.45	BDL	0.33	BDL	0.49	BDL	0.1	BDL	0.04	BDL	0.06	BDL	0.06	BDL	0.51	0.011026	0.54	BDL	0.18	BDL	0.17	BDL	0.26	BDL	0.1	BDL	0.88	BDL	0.55	BDL	0.23
4/24/2013 17:52	titan5	33	100	150	401	7185.306	Titan1-164	BDL	0.14	BDL	0.85	BDL	0.07	BDL	0.17	BDL	0.8	BDL	0.1	BDL	0.44	BDL	0.21	BDL	0.49	BDL	0.09	BDL	0.04	BDL	0.01	BDL	0.09	BDL	0.5	0.012451	0.58	BDL	0.2	BDL	0.17	BDL	0.06	BDL	0.06	BDL	0.86	BDL	0.17	BDL	0.3
4/24/2013 17:53	titan5	34	100	150	401	7304.717	Titan1-164	BDL	0.14	BDL	0.85	BDL	0.07	BDL	0.14	BDL	0.8	BDL	0.11	BDL	0.46	BDL	0.13	BDL	0.51	BDL	0.09	BDL	0.02	BDL	0.04	BDL	0.07	BDL	0.5	0.010638	0.46	BDL	0.25	BDL	0.19	BDL	0.06	BDL	0.04	BDL	0.84	BDL	0.66	BDL	0.28
4/24/2013 17:54	titan5	35	100	150	401	7359.751	Titan1-164	BDL	0.12	BDL	0.86	BDL	0.16	BDL	0.08	BDL	0.7	BDL	0.1	BDL	0.43	BDL	0.12	BDL	0.5	BDL	0.08	BDL	0.02	BDL	0.91	BDL	0.07	BDL	0.5	0.01023	0.54	BDL	0.2	BDL	0.21	BDL	0.08	BDL	0.14	BDL	0.83	BDL	0.57	BDL	0.26
4/24/2013 17:55	titan5	36	100	150	401	7168.263	Titan1-164	BDL	0.14	BDL	0.85	BDL	0.04	BDL	0.06	BDL	0.8	BDL	0.12	BDL	0.42	BDL	0.23	BDL	0.5	BDL	0.09	BDL	0.04	BDL	0.01	BDL	0.07	BDL	0.51	0.012236	0.55	BDL	0.22	BDL	0.19	BDL	0.01	BDL	0.12	BDL	0.86	BDL	0.75	BDL	0.3
4/24/2013 17:56	titan5	37	100	150	401	7056.168	Titan1-164	BDL	0.11	BDL	0.85	BDL	0.05	BDL	0.15	BDL	0.8	BDL	0.16	BDL	0.43	BDL	0.22	BDL	0.46	BDL	0.1	BDL	0.04	BDL	0.06	BDL	0.02	BDL	0.5	0.011702	0.51	BDL	0.18	BDL	0.17	BDL	0.15	BDL	0.09	BDL	0.89	BDL	0.28	BDL	0.36
4/24/2013 17:57	titan5	38	100	150	401	7059.92	Titan1-164	BDL	0.11	BDL	0.85	BDL	0.17	BDL	0.19	BDL	0.8	BDL	0.08	BDL	0.45	BDL	0.37	BDL	0.52	BDL	0.12	BDL	0.03	0.019991	0.9	BDL	0.04	BDL	0.48	0.012266	0.53	BDL	0.16	BDL	0.18	BDL	0.14	BDL	0.08	BDL	0.89	BDL	0.46	BDL	0.28
4/24/2013 17:58	titan5	39	100	150	401	7127.314	Titan1-164	BDL	0.15	BDL	0.85	BDL	0.05	BDL	0.18	BDL	0.8	BDL	0.17	BDL	0.44	BDL	0.3	BDL	0.5	BDL	0.07	BDL	0.02	0.001062	0.01	BDL	0.13	BDL	0.5	0.01134	0.52	BDL	0.28	BDL	0.13	BDL	0.1	BDL	0.07	BDL	0.86	BDL	0.75	BDL	0.25
4/24/2013 17:59	titan5	40	100	150	401	7106.128	Titan1-164	BDL	0.17	BDL	0.85	BDL	0.05	BDL	0.12	BDL	0.8	BDL	0.12	BDL	0.44	BDL	0.29	BDL	0.51	BDL	0.09	BDL	0.04	0.002642	0.08	BDL	0.11	BDL	0.51	0.014343	0.61	BDL	0.19	BDL	0.39	BDL	0.08	BDL	0.05	BDL	0.83	BDL	0.42	BDL	0.26
4/24/2013 18:00	titan5	41	100	150	401	7057.989	Titan1-164	BDL	0.18	BDL	0.85	BDL	0.1	BDL	0.11	BDL	0.8	BDL	0.16	BDL	0.44	BDL	0.29	BDL	0.49	BDL	0.09	BDL	0.03	0.011586	0.64	BDL	0.09	BDL	0.52	0.013336	0.57	BDL	0.19	BDL	0.36	BDL	0.11	BDL	0.07	BDL	0.84	BDL	0.63	BDL	0.39
4/24/2013 18:01	titan5	42	100	150	401	7120.433	Titan1-164	BDL	0.18	BDL	0.85	BDL	0.06	BDL	0.12	BDL	0.8	BDL	0.09	BDL	0.43	BDL	0.23	BDL	0.5	BDL	0.09	BDL	0.02	0.004478	0.19	BDL	0.16	BDL	0.52	0.015067	0.61	BDL	0.24	BDL	0.27	BDL	0.03	BDL	0.11	BDL	0.8	BDL	0.53	BDL	0.36
4/24/2013 18:02	titan5	43	100	150	401	7193.679	Titan1-164	BDL	0.18	BDL	0.86	BDL	0.09	BDL	0.17	BDL	0.8	BDL	0.11	BDL	0.43	BDL	0.12	BDL	0.44	BDL	0.09	BDL	0.03	0.011856	0.67	BDL	0.13	BDL	0.51	0.013508	0.56	BDL	0.2	BDL	0.19	BDL	0.1	BDL	0.06	BDL	0.79	BDL	0.28	BDL	0.34
4/24/2013 18:03	titan5	44	100	150	401	7189.426	Titan1-164	BDL	0.15	BDL	0.86	BDL	0.2	BDL	0.11	BDL	0.7	BDL	0.12	BDL	0.43	BDL	0.14	BDL	0.51	BDL	0.09	BDL	0.02	0.033873	0.93	BDL	0.05	BDL	0.5	0.011503	0.48	BDL	0.2	BDL	0.16	BDL	0	BDL	0.03	BDL	0.82	BDL	0.47	BDL	0.27
4/24/2013 18:04	titan5	45	100	150	401	7222.23	Titan1-164	BDL	0.19	BDL	0.86	BDL	0.22	BDL	0.14	BDL	0.7	BDL	0.11	BDL	0.45	BDL	0.21	BDL	0.49	BDL	0.08	BDL	0.03	0.047507	0.94	BDL	0.08	BDL	0.51	0.014987	0.59	BDL	0.19	BDL	0.33	BDL	0.04	BDL	0.07	BDL	0.78	BDL	0.22	BDL	0.3
4/24/2013 18:05	titan5	46	100	150	401	7249.033	Titan1-164	BDL	0.19	BDL	0.86	BDL	0.21	BDL	0.08	BDL	0.7	BDL	0.12	BDL	0.44	BDL	0.15	BDL	0.49	BDL	0.09	BDL	0.01	0.042591	0.93	BDL	0.11	BDL	0.51	0.014602	0.56	BDL	0.22	BDL	0.21	BDL	0.12	BDL	0.05	BDL	0.75	BDL	0.61	BDL	0.31
4/24/2013 18:06	titan5	47	100	150	401	7317.269	Titan1-164	BDL	0.19	BDL	0.85	BDL	0.06	BDL	0.06	BDL	0.8	BDL	0.14	BDL	0.44	BDL	0.02	BDL	0.5	BDL	0.09	BDL	0.01	0.004232	0.17	BDL	0.14	BDL	0.51	0.013472	0.57	BDL	0.24	BDL	0.26	BDL	0.16	BDL	0.05	BDL	0.73	BDL	0.47	BDL	0.31
4/24/2013 18:07	titan5	48	100	150	401	7580.997	Titan1-164	BDL	0.26	BDL	0.86	BDL	0.21	BDL	0.21	BDL	0.6	BDL	0.12	BDL	0.46	BDL	0.17	BDL	0.49	BDL	0.06	BDL	0	0.049818	0.97	BDL	0.22	BDL	0.44	0.00731	0.34	BDL	0.04	BDL	0.09	BDL	0.07	BDL	0.05	BDL	0.66	BDL	0.58	BDL	0.09
4/24/2013 18:08	titan5	49	100	150	401	7572.433	Titan1-164	BDL	0.01	BDL	0.86	BDL	0.06	BDL	0.14	BDL	0.8	BDL	0.17	BDL	0.44	BDL	0.09	BDL	0.48	BDL	0.08	BDL	0.05	BDL	0.05	BDL	0.14	BDL	0.5	0.008232	0.38	BDL	0.11	BDL	0.03	BDL	0.08	BDL	0.04	BDL	0.5	BDL	0.63	BDL	0.08
4/24/2013 18:09	titan5	50	100	150	401	7515.37	Titan1-164	BDL	0.04	BDL	0.85	BDL	0.04	BDL	0.14	BDL	0.8	BDL	0.13	BDL	0.43	BDL	0.13	BDL	0.49	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.12	BDL	0.49	0.008455	0.34	BDL	0.17	BDL	0.14	BDL	0.1	BDL	0.03	BDL	0.71	BDL	0.58	BDL	0.13
4/24/2013 18:10	titan5	51	100	150	401	7536.549	Titan1-164	BDL	0.04	BDL	0.85	BDL	0.05	BDL	0.2	BDL	0.8	BDL	0.08	BDL	0.42	BDL	0.03	BDL	0.5	BDL	0.07	BDL	0.05	BDL	0.08	BDL	0.09	BDL	0.51	0.007835	0.31	BDL	0.18	BDL	0.27	BDL	0.07	BDL	0.07	BDL	0.79	BDL	0.4	BDL	0.3
4/24/2013 18:11	titan5	52	100	150	401	7473.335	Titan1-164	BDL	0.1	BDL	0.85	BDL	0.06	BDL	0.06	BDL	0.8	BDL	0.18	BDL	0.44	BDL	0.04	BDL	0.51	BDL	0.07	BDL	0.05	BDL	0.02	BDL	0.01	BDL	0.5	0.009886	0.42	BDL	0.25	BDL	0.25	BDL	0.06	BDL	0.09	BDL	0.81	BDL	0.73	BDL	0.28
4/24/2013 18:12	titan5	53	100	150	401	7435.447	Titan1-164	BDL	0.08	BDL	0.85	BDL	0.1	BDL	0.16	BDL	0.8	BDL	0.1	BDL	0.44	BDL	0.08	BDL	0.49	BDL	0.07	BDL	0.05	0.008616	0.63	BDL	0.06	BDL	0.51	0.010494	0.48	BDL	0.17	BDL	0.14	BDL	0.04	BDL	0.22	BDL	0.81	BDL	0.49	BDL	0.36
4/24/2013 18:13	titan5	54	100	150	401	7409.378	Titan1-164	BDL	0.1	BDL	0.85	BDL	0.04	BDL	0.12	BDL	0.8	BDL	0.14	BDL	0.41	BDL	0.07	BDL	0.48	BDL	0.08	BDL	0.05	BDL	0.01	BDL	0.07	BDL	0.5	0.011463	0.51	BDL	0.21	BDL	0.13	BDL	0.11	BDL	0.05	BDL	0.83	BDL	0.45	BDL	0.36
4/24/2013 18:14	titan5	55	100	150	401	7385.667	Titan1-164	BDL	0.13	BDL	0.85	BDL	0.05	BDL	0.1	BDL	0.8	BDL	0.17	BDL	0.42	BDL	0.13	BDL	0.51	BDL	0.08	BDL	0.04	BDL	0.03	BDL	0.04	BDL	0.52	0.01335	0.55	BDL	0.32	BDL	0.16	BDL	0.03	BDL	0.07	BDL	0.81	BDL	0.38	BDL	0.28
4/24/2013 18:15	titan5	56	100	150	401	7294.255	Titan1-164	BDL	0.13	BDL	0.85	BDL	0.06	BDL	0.11	BDL	0.8	BDL	0.1	BDL	0.44	BDL	0.1	BDL	0.51	BDL	0.07	BDL	0.03	BDL	0.04	BDL	0.06	BDL	0.5	0.012682	0.52	BDL	0.29	BDL	0.13	BDL	0.02	BDL	0.04	BDL	0.84	BDL	0.62	BDL	0.33
4/24/2013 18:16	titan5	57	100	150	401	7205.226	Titan1-164	BDL	0.14	BDL	0.85	BDL	0.08	BDL	0.11	BDL	0.8	BDL	0.19	BDL	0.42	BDL	0.18	BDL	0.39	BDL	0.07	BDL	0.04	BDL	0.21	BDL	0.06	BDL	0.5	0.01306	0.5	BDL	0.22	BDL	0.29	BDL	0.04	BDL	0.07	BDL	0.85	BDL	0.75	BDL	0.26
4/24/2013 18:17	titan5	58	100	150	401	7158.755	Titan1-164	BDL	0.15	BDL	0.85	BDL	0.07	BDL	0.13	BDL	0.7	BDL	0.18	BDL	0.43	BDL	0.22	BDL	0.51	BDL	0.08	BDL	0.04	BDL	0.28	BDL	0.07	BDL	0.5	0.012569	0.52	BDL	0.28	BDL	0.23	BDL	0.02	BDL	0.04	BDL	0.85	BDL	0.45	BDL	0.36
4/24/2013 18:18	titan5	59	100	150	401	7246.566	Titan1-164	BDL	0.15	BDL	0.85	BDL	0.05	BDL	0.06	BDL	0.8	BDL	0.13	BDL	0.44	BDL	0.36	BDL	0.5	BDL	0.08	BDL	0.03	BDL	0.05	BDL	0.12	BDL	0.51	0.014735	0.57	BDL	0.21	BDL	0.2	BDL	0.11	BDL	0.06	BDL	0.83	BDL	0.19	BDL	0.43
4/24/2013 18:19	titan5	60	100	150	401	7329.294	Titan1-164	BDL	0.17	BDL	0.85	BDL	0.05	BDL	0.08	BDL	0.8	BDL	0.1	BDL	0.43	BDL	0.04	BDL	0.51	BDL	0.08	BDL	0.04	BDL	0.04	BDL	0.09	BDL	0.52	0.014512	0.58	BDL	0.2	BDL	0.34	BDL	0.13	BDL	0.06	BDL	0.8	BDL	0.29	BDL	0.39
4/24/2013 18:21	titan5	61	100	150	401	7381.802	Titan1-164	BDL	0.16	BDL	0.85	BDL	0.05	BDL	0.09	BDL	0.8	BDL	0.19	BDL	0.43	BDL	0.16	BDL	0.5	BDL	0.09	BDL	0.04	BDL	0.03	BDL	0.04	BDL	0.51	0.013393	0.51	BDL	0.16	BDL	0.11	BDL	0.18	BDL	0.03	BDL	0.79	BDL	0.39	BDL	0.43
4/24/2013 18:22	titan5	62	100	150	401	7379.147	Titan1-164	BDL	0.15	BDL	0.85	BDL	0.04	BDL	0.11	BDL	0.8	BDL	0.16	BDL	0.46	BDL	0.19	BDL	0.5	BDL	0.08	BDL	0.06	BDL	0.04	BDL	0.04	BDL	0.5	0.013354	0.56	BDL	0.19	BDL	0.18	BDL	0.05	BDL	0.04	BDL	0.78	BDL	0.34	BDL	0.41
4/24/2013 18:23	titan5	63	100	150	401	7412.352	Titan1-164	BDL	0.15	BDL	0.85	BDL	0.04	BDL	0.17	BDL	0.8	BDL	0.12	BDL	0.43	BDL	0.11	BDL	0.49	BDL	0.07	BDL	0.02	BDL	0.02	BDL	0.04	BDL	0.51	0.011503	0.48	BDL	0.24	BDL	0.24	BDL	0.05	BDL	0.1	BDL	0.77	BDL	0.49	BDL	0.29
4/24/2013 18:24	titan5	64	100	150	401	7380.787	Titan1-164	BDL	0.13	BDL	0.85	BDL	0.04	BDL	0.11	BDL	0.8	BDL	0.15	BDL	0.46	BDL	0.04	BDL	0.51	BDL	0.08	BDL	0.04	BDL	0.05	BDL	0.03	BDL	0.49	0.010005	0.45	BDL	0.22	BDL	0.28	BDL	0.05	BDL	0.03	BDL	0.8	BDL	0.52	BDL	0.35
4/24/2013 18:25	titan5	65	100	150	401	7313.898	Titan1-164	BDL	0.17	BDL	0.85	BDL	0.05	BDL	0.15	BDL	0.8	BDL	0.07	BDL	0.44	BDL	0.03	BDL	0.49	BDL	0.09	BDL	0.03	BDL	0.06	BDL	0.08	BDL	0.51	0.01277	0.53	BDL	0.21	BDL	0.24	BDL	0.27	BDL	0.03	BDL	0.78	BDL	0.56	BDL	0.39
4/24/2013 18:26	titan5	66	100	150	401	6884.397	Titan1-164	BDL	0.19	BDL	0.85	BDL	0.06	BDL	0.13	BDL	0.8	BDL	0.09	BDL	0.45	BDL	0.06	BDL	0.5	BDL	0.08	BDL	0.04	BDL	0.12	BDL	0.14	BDL	0.53	0.014822	0.61	BDL	0.21	BDL	0.31	BDL	0.01	BDL	0.04	BDL	0.76	BDL	0.5	BDL	0.28
4/24/2013 18:27	titan5	67	100	150	401	7312.348	Titan1-164	BDL	0.21	BDL	0.85	BDL	0.05	BDL	0.1	BDL	0.8	BDL	0.17	BDL	0.44	BDL	0.15	BDL	0.32	BDL	0.08	BDL	0.03	BDL	0.13	BDL	0.1	BDL	0.52	0.01601	0.61	BDL	0.23	BDL	0.35	BDL	0.02	BDL	0.02	BDL	0.74	BDL	0.66	BDL	0.41
4/24/2013 18:28	titan5	68	100	150	401	7155.697	Titan1-164	BDL	0.17	BDL	0.85	BDL	0.07	BDL	0.08	BDL	0.8	BDL	0.2	BDL	0.43	BDL	0.11	BDL	0.51	BDL	0.09	BDL	0.03	BDL	0.21	BDL	0.12	BDL	0.51	0.015662	0.63	BDL	0.19	BDL	0.32	BDL	0.04	BDL	0.04	BDL	0.79	BDL	0.12	BDL	0.32
4/24/2013 18:29	titan5	69	100	150	401	7120.767	Titan1-164	BDL	0.15	BDL	0.85	BDL	0.19	BDL	0.1	BDL	0.7	BDL	0.1	BDL	0.43	BDL	0.09	BDL	0.5	BDL	0.09	BDL	0.01	BDL	0.91	BDL	0.08	BDL	0.51	0.013177	0.58	BDL	0.18	BDL	0.39	BDL	0.05	BDL	0.12	BDL	0.83	BDL	0.36	BDL	0.34
4/24/2013 18:30	titan5	70	100	150	401	7018.561	Titan1-164	BDL	0.15	BDL	0.85	BDL	0.1	BDL	0.17	BDL	0.8	BDL	0.19	BDL	0.45	BDL	0.18	BDL	0.49	BDL	0.09	BDL	0.02	BDL	0.36	BDL	0.14	BDL	0.49	0.011681	0.47	BDL	0.22	BDL	0.38	BDL	0.05	BDL	0.11	BDL	0.83	BDL	0.67	BDL	0.22
4/24/2013 18:31	titan5	71	100	150	401	6972.137	Titan1-164	BDL	0.17	BDL	0.85	BDL	0.05	BDL	0.13	BDL	0.8	BDL	0.09	BDL	0.43	BDL	0.3	BDL	0.49	BDL	0.1	BDL	0.03	BDL	0.04	BDL	0.09	BDL	0.5	0.0118	0.56	BDL	0.22	BDL	0.55	BDL	0.03	BDL	0.08	BDL	0.83	BDL	0.27	BDL	0.27
4/24/2013 18:32	titan5	72	100	150	401	7186.342	Titan1-164	BDL	0	BDL	0.85	BDL	0.03	BDL	0.2	BDL	0.8	BDL	0.11	BDL	0.41	BDL	0.05	BDL	0.49	BDL	0.08	BDL	0.03	BDL	0.06	BDL	0.14	BDL	0.45	0.006608	0.3	BDL	0.15	BDL	0.18	BDL	0.11	BDL	0.03	BDL	0.68	BDL	0.81	BDL	0.11
4/24/2013 18:33	titan5	73	100	150	401	7116.755	Titan1-164	BDL	0.01	BDL	0.84	BDL	0.06	BDL	0.11	BDL	0.8	BDL	0.09	BDL	0.44	BDL	0.02	BDL	0.48	BDL	0.1	BDL	0.01	BDL	0.01	BDL	0.13	BDL	0.43	0.005918	0.29	BDL	0.06	BDL	0.04	BDL	0.05	BDL	0.14	BDL	0.73	BDL	0.31	BDL	0.02
4/24/2013 18:34	titan5	74	100	150	401	6969.744	Titan1-164	BDL	0	BDL	0.84	BDL	0.06	BDL	0.1	BDL	0.8	BDL	0.16	BDL	0.49	BDL	0.12	BDL	0.45	BDL	0.08	BDL	0.02	BDL	0.08	BDL	0.17	BDL	0.45	0.006839	0.35	BDL	0.11	BDL	0.21	BDL	0.03	BDL	0.1	BDL	0.82	BDL	0.46	BDL	0.05
4/24/2013 18:35	titan5	75	100	150	401	6823.218	Titan1-164	BDL	0.02	BDL	0.84	BDL	0.06	BDL	0.15	BDL	0.8	BDL	0.09	BDL	0.43	BDL	0.38	BDL	0.45	BDL	0.07	BDL	0.03	BDL	0.03	BDL	0.07	BDL	0.48	0.006739	0.39	BDL	0.21	BDL	0.09	BDL	0.11	BDL	0.06	BDL	0.89	BDL	0.29	BDL	0.07
4/24/2013 18:36	titan5	76	100	150	401	6727.889	Titan1-164	BDL	0.04	BDL	0.84	BDL	0.06	BDL	0.09	BDL	0.8	BDL	0.19	BDL	0.44	BDL	0.31	BDL	0.45	BDL	0.07	BDL	0.02	BDL	0.04	BDL	0.09	BDL	0.5	0.007979	0.43	BDL	0.14	BDL	0.1	BDL	0.05	BDL	0.09	BDL	0.9	BDL	0.61	BDL	0.16
4/24/2013 18:37	titan5	77	100	150	401	6761.644	Titan1-164	BDL	0.02	BDL	0.84	BDL	0.08	BDL	0.18	BDL	0.8	BDL	0.12	BDL	0.43	BDL	0.41	BDL	0.48	BDL	0.1	BDL	0.02	BDL	0.01	BDL	0.09	BDL	0.47	0.008604	0.43	BDL	0.21	BDL	0.06	BDL	0.06	BDL	0.07	BDL	0.89	BDL	0.18	BDL	0.1
4/24/2013 18:38	titan5	78	100	150	401	6805.274	Titan1-164	BDL	0.09	BDL	0.84	BDL	0.07	BDL	0.13	BDL	0.8	BDL	0.22	BDL	0.44	BDL	0.32	BDL	0.48	BDL	0.11	BDL	0.02	BDL	0.19	BDL	0.07	BDL	0.51	0.009047	0.5	BDL	0.08	BDL	0.06	BDL	0.04	BDL	0.09	BDL	0.88	BDL	0.43	BDL	0.17
4/24/2013 18:39	titan5	79	100	150	401	6824.71	Titan1-164	BDL	0.11	BDL	0.84	BDL	0.04	BDL	0.13	BDL	0.8	BDL	0.27	BDL	0.47	BDL	0.18	BDL	0.44	BDL	0.09	BDL	0.03	BDL	0.11	BDL	0.08	BDL	0.53	0.011041	0.51	BDL	0.1	BDL	0.07	BDL	0.11	BDL	0.06	BDL	0.86	BDL	0.77	BDL	0.43
4/24/2013 18:40	titan5	80	100	150	401	6797.006	Titan1-164	BDL	0.15	BDL	0.84	BDL	0.05	BDL	0.11	BDL	0.8	BDL	0.14	BDL	0.48	BDL	0.28	BDL	0.49	BDL	0.09	BDL	0.03	BDL	0.02	BDL	0.05	BDL	0.52	0.01315	0.55	BDL	0.18	BDL	0.16	BDL	0.13	BDL	0.08	BDL	0.85	BDL	0.27	BDL	0.38
4/24/2013 18:41	titan5	81	100	150	401	6935.569	Titan1-164	BDL	0.17	BDL	0.84	BDL	0.05	BDL	0.06	BDL	0.8	BDL	0.09	BDL	0.45	BDL	0.16	BDL	0.49	BDL	0.08	BDL	0.04	BDL	0.01	BDL	0.11	BDL	0.51	0.011256	0.57	BDL	0.21	BDL	0.22	BDL	0.09	BDL	0.12	BDL	0.81	BDL	0.52	BDL	0.36
4/24/2013 18:42	titan5	82	100	150	401	6978.436	Titan1-164	BDL	0.18	BDL	0.85	BDL	0.05	BDL	0.17	BDL	0.8	BDL	0.16	BDL	0.44	BDL	0.1	BDL	0.5	BDL	0.09	BDL	0.02	BDL	0.04	BDL	0.13	BDL	0.52	0.013762	0.56	BDL	0.19	BDL	0.32	BDL	0.03	BDL	0.09	BDL	0.77	BDL	0.45	BDL	0.3
4/24/2013 18:43	titan5	83	100	150	401	7042.211	Titan1-164	BDL	0.2	BDL	0.85	BDL	0.05	BDL	0.32	BDL	0.8	BDL	0.19	BDL	0.45	BDL	0.13	BDL	0.49	BDL	0.08	BDL	0.05	BDL	0.03	BDL	0.09	BDL	0.5	0.013992	0.55	BDL	0.19	BDL	0.29	BDL	0.12	BDL	0.16	BDL	0.74	BDL	0.39	BDL	0.27
4/24/2013 18:44	titan5	84	100	150	401	7033.637	Titan1-164	BDL	0.2	BDL	0.85	BDL	0.05	BDL	0.09	BDL	0.8	BDL	0.2	BDL	0.45	BDL	0.06	BDL	0.49	BDL	0.09	BDL	0.03	BDL	0.02	BDL	0.11	BDL	0.52	0.014921	0.57	BDL	0.22	BDL	0.25	BDL	0.05	BDL	0.19	BDL	0.75	BDL	0.45	BDL	0.32
4/24/2013 18:45	titan5	85	100	150	401	7014.508	Titan1-164	BDL	0.21	BDL	0.85	BDL	0.05	BDL	0.13	BDL	0.8	BDL	0.16	BDL	0.47	BDL	0.12	BDL	0.26	BDL	0.08	BDL	0.02	BDL	0.04	BDL	0.19	BDL	0.51	0.015325	0.55	BDL	0.2	BDL	0.2	BDL	0.05	BDL	0.09	BDL	0.75	BDL	0.27	BDL	0.36
4/24/2013 18:46	titan5	86	100	150	401	7014.725	Titan1-164	BDL	0.22	BDL	0.85	BDL	0.04	BDL	0.1	BDL	0.8	BDL	0.14	BDL	0.46	BDL	0.07	BDL	0.5	BDL	0.08	BDL	0.02	BDL	0.02	BDL	0.16	BDL	0.52	0.014883	0.55	BDL	0.19	BDL	0.09	BDL	0.05	BDL	0.08	BDL	0.73	BDL	0.67	BDL	0.34
4/24/2013 18:47	titan5	87	100	150	401	7011.226	Titan1-164	BDL	0.22	BDL	0.85	BDL	0.05	BDL	0.1	BDL	0.8	BDL	0.16	BDL	0.45	BDL	0.1	BDL	0.49	BDL	0.09	BDL	0.02	BDL	0.08	BDL	0.14	BDL	0.52	0.014854	0.54	BDL	0.19	BDL	0.29	BDL	0.16	BDL	0.09	BDL	0.72	BDL	0.3	BDL	0.39
4/24/2013 18:48	titan5	88	100	150	401	7031.575	Titan1-164	BDL	0.22	BDL	0.85	BDL	0.05	BDL	0.14	BDL	0.8	BDL	0.13	BDL	0.45	BDL	0.14	BDL	0.48	BDL	0.08	BDL	0.03	BDL	0.04	BDL	0.15	BDL	0.53	0.015312	0.56	BDL	0.17	BDL	0.05	BDL	0.03	BDL	0.15	BDL	0.72	BDL	0.4	BDL	0.32
4/24/2013 18:49	titan5	89	100	150	401	6966.506	Titan1-164	BDL	0.22	BDL	0.85	BDL	0.03	BDL	0.08	BDL	0.8	BDL	0.2	BDL	0.46	BDL	0.2	BDL	0.48	BDL	0.09	BDL	0.03	BDL	0.01	BDL	0.2	BDL	0.54	0.016374	0.64	BDL	0.17	BDL	0.16	BDL	0.14	BDL	0.06	BDL	0.74	BDL	0.69	BDL	0.44
4/24/2013 18:50	titan5	90	100	150	401	6874.123	Titan1-164	BDL	0.18	BDL	0.85	BDL	0.05	BDL	0.07	BDL	0.8	BDL	0.18	BDL	0.45	BDL	0.06	BDL	0.48	BDL	0.09	BDL	0.05	BDL	0.01	BDL	0.15	BDL	0.53	0.013776	0.56	BDL	0.17	BDL	0.14	BDL	0.02	BDL	0.11	BDL	0.79	BDL	0.63	BDL	0.38
4/24/2013 18:51	titan5	91	100	150	400	6861.906	Titan1-164	BDL	0.17	BDL	0.85	BDL	0.07	BDL	0.11	BDL	0.8	BDL	0.1	BDL	0.44	BDL	0.03	BDL	0.48	BDL	0.09	BDL	0.05	BDL	0.01	BDL	0.13	BDL	0.52	0.013839	0.56	BDL	0.16	BDL	0.09	BDL	0.05	BDL	0.07	BDL	0.8	BDL	0.68	BDL	0.38
4/24/2013 18:52	titan5	92	100	150	401	6772.671	Titan1-164	BDL	0.17	BDL	0.84	BDL	0.06	BDL	0.09	BDL	0.8	BDL	0.13	BDL	0.43	BDL	0.13	BDL	0.48	BDL	0.08	BDL	0.03	BDL	0.03	BDL	0.14	BDL	0.53	0.013103	0.56	BDL	0.23	BDL	0.15	BDL	0.04	BDL	0.07	BDL	0.82	BDL	0.27	BDL	0.41
4/24/2013 18:54	titan5	93	100	150	401	6752.055	Titan1-164	BDL	0.17	BDL	0.84	BDL	0.05	BDL	0.11	BDL	0.8	BDL	0.1	BDL	0.43	BDL	0.15	BDL	0.48	BDL	0.09	BDL	0.03	BDL	0.02	BDL	0.09	BDL	0.52	0.013748	0.56	BDL	0.22	BDL	0.31	BDL	0.06	BDL	0.11	BDL	0.82	BDL	0.61	BDL	0.37
4/24/2013 18:55	titan5	94	100	150	401	6701.187	Titan1-164	BDL	0.18	BDL	0.84	BDL	0.06	BDL	0.17	BDL	0.8	BDL	0.1	BDL	0.44	BDL	0.23	BDL	0.47	BDL	0.1	BDL	0.03	BDL	0.03	BDL	0.16	BDL	0.52	0.014421	0.6	BDL	0.24	BDL	0.16	BDL	0.03	BDL	0.09	BDL	0.82	BDL	0.67	BDL	0.29
4/24/2013 18:56	titan5	95	100	150	401	6627.806	Titan1-164	BDL	0.17	BDL	0.84	BDL	0.08	BDL	0.17	BDL	0.8	BDL	0.13	BDL	0.45	BDL	0.36	BDL	0.47	BDL	0.1	BDL	0.04	BDL	0.02	BDL	0.14	BDL	0.53	0.01408	0.62	BDL	0.21	BDL	0.34	BDL	0.08	BDL	0.16	BDL	0.83	BDL	0.42	BDL	0.29
4/24/2013 18:57	titan5	96	100	150	401	6546.939	Titan1-164	BDL	0.18	BDL	0.84	BDL	0.04	BDL	0.13	BDL	0.8	BDL	0.11	BDL	0.43	BDL	0.32	BDL	0.46	BDL	0.09	BDL	0.03	BDL	0.05	BDL	0.16	BDL	0.53	0.015177	0.67	BDL	0.21	BDL	0.26	BDL	0.03	BDL	0.12	BDL	0.82	BDL	0.39	BDL	0.39
4/24/2013 18:58	titan5	97	100	150	401	6546.254	Titan1-164	BDL	0.17	BDL	0.84	BDL	0.05	BDL	0.29	BDL	0.8	BDL	0.15	BDL	0.46	BDL	0.32	BDL	0.48	BDL	0.09	BDL	0.04	BDL	0.01	BDL	0.19	BDL	0.52	0.013117	0.6	BDL	0.2	BDL	0.3	BDL	0.09	BDL	0.1	BDL	0.83	BDL	0.32	BDL	0.3
4/24/2013 18:59	titan5	98	100	150	401	6518.471	Titan1-164	BDL	0.18	BDL	0.84	BDL	0.05	BDL	0.09	BDL	0.8	BDL	0.17	BDL	0.45	BDL	0.27	BDL	0.43	BDL	0.09	BDL	0.03	BDL	0.03	BDL	0.18	BDL	0.52	0.013286	0.62	BDL	0.18	BDL	0.18	BDL	0.06	BDL	0.13	BDL	0.82	BDL	0.69	BDL	0.36
4/24/2013 19:00	titan5	99	100	150	401	6466.698	Titan1-164	BDL	0.18	BDL	0.84	BDL	0.06	BDL	0.13	BDL	0.8	BDL	0.11	BDL	0.46	BDL	0.27	BDL	0.48	BDL	0.09	BDL	0.06	BDL	0.05	BDL	0.16	BDL	0.53	0.016557	0.7	BDL	0.19	BDL	0.2	BDL	0.02	BDL	0.12	BDL	0.82	BDL	0.55	BDL	0.36
4/24/2013 19:01	titan5	100	100	150	401	6455.945	Titan1-164	BDL	0.17	BDL	0.84	BDL	0.05	BDL	0.09	BDL	0.8	BDL	0.14	BDL	0.46	BDL	0.36	BDL	0.42	BDL	0.1	BDL	0.04	BDL	0.04	BDL	0.15	BDL	0.53	0.013999	0.61	BDL	0.19	BDL	0.33	BDL	0.07	BDL	0.14	BDL	0.83	BDL	0.4	BDL	0.36
4/24/2013 19:02	titan5	101	100	150	401	6449.601	Titan1-164	BDL	0.16	BDL	0.83	BDL	0.05	BDL	0.13	BDL	0.8	BDL	0.07	BDL	0.44	BDL	0.28	BDL	0.46	BDL	0.09	BDL	0.04	BDL	0.1	BDL	0.2	BDL	0.53	0.013626	0.59	BDL	0.18	BDL	0.26	BDL	0.01	BDL	0.1	BDL	0.82	BDL	0.31	BDL	0.4
4/24/2013 19:03	titan5	102	100	150	401	6404.278	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.05	BDL	0.16	BDL	0.8	BDL	0.2	BDL	0.44	BDL	0.31	BDL	0.46	BDL	0.09	BDL	0.05	BDL	0.02	BDL	0.12	BDL	0.54	0.013793	0.62	BDL	0.18	BDL	0.16	BDL	0.06	BDL	0.12	BDL	0.81	BDL	0.52	BDL	0.34
4/24/2013 19:04	titan5	103	100	150	400	6356.843	Titan1-164	BDL	0.17	BDL	0.84	BDL	0.04	BDL	0.16	BDL	0.8	BDL	0.23	BDL	0.44	BDL	0.26	BDL	0.45	BDL	0.09	BDL	0.03	BDL	0.02	BDL	0.18	BDL	0.54	0.014902	0.63	BDL	0.2	BDL	0.26	BDL	0.02	BDL	0.03	BDL	0.82	BDL	0.49	BDL	0.3
4/24/2013 19:05	titan5	104	100	150	401	6351.289	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.03	BDL	0.12	BDL	0.8	BDL	0.26	BDL	0.44	BDL	0.25	BDL	0.41	BDL	0.09	BDL	0.02	BDL	0.04	BDL	0.15	BDL	0.53	0.016256	0.66	BDL	0.24	BDL	0.13	BDL	0.03	BDL	0.14	BDL	0.82	BDL	0.28	BDL	0.31
4/24/2013 19:06	titan5	105	100	150	400	6332.819	Titan1-164	BDL	0.17	BDL	0.83	BDL	0.04	BDL	0.15	BDL	0.8	BDL	0.12	BDL	0.44	BDL	0.18	BDL	0.44	BDL	0.09	BDL	0.03	BDL	0.04	BDL	0.12	BDL	0.53	0.015391	0.64	BDL	0.2	BDL	0.21	BDL	0.05	BDL	0.1	BDL	0.82	BDL	0.58	BDL	0.26
4/24/2013 19:07	titan5	106	100	150	401	6338.09	Titan1-164	BDL	0.16	BDL	0.83	BDL	0.04	BDL	0.13	BDL	0.8	BDL	0.16	BDL	0.43	BDL	0.33	BDL	0.45	BDL	0.09	BDL	0.03	BDL	0.07	BDL	0.13	BDL	0.51	0.013129	0.62	BDL	0.24	BDL	0.08	BDL	0.02	BDL	0.12	BDL	0.82	BDL	0.06	BDL	0.31
4/24/2013 19:08	titan5	107	100	150	401	6328.884	Titan1-164	BDL	0.17	BDL	0.83	BDL	0.05	BDL	0.05	BDL	0.8	BDL	0.1	BDL	0.44	BDL	0.22	BDL	0.44	BDL	0.09	BDL	0.02	BDL	0.07	BDL	0.19	BDL	0.51	0.0144	0.64	BDL	0.22	BDL	0.28	BDL	0.04	BDL	0.1	BDL	0.82	BDL	0.23	BDL	0.33
4/24/2013 19:09	titan5	108	100	150	401	6298.208	Titan1-164	BDL	0.17	BDL	0.83	BDL	0.05	BDL	0.13	BDL	0.8	BDL	0.16	BDL	0.43	BDL	0.2	BDL	0.42	BDL	0.08	BDL	0.02	BDL	0.01	BDL	0.12	BDL	0.53	0.014692	0.64	BDL	0.21	BDL	0.29	BDL	0.03	BDL	0.09	BDL	0.81	BDL	0.57	BDL	0.31
4/24/2013 19:10	titan5	109	100	150	401	6263.714	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.05	BDL	0.11	BDL	0.8	BDL	0.15	BDL	0.44	BDL	0.31	BDL	0.39	BDL	0.09	BDL	0.04	BDL	0.03	BDL	0.14	BDL	0.53	0.015096	0.63	BDL	0.23	BDL	0.27	BDL	0.11	BDL	0.08	BDL	0.81	BDL	0.45	BDL	0.28
4/24/2013 19:11	titan5	110	100	150	401	6218.515	Titan1-164	BDL	0.19	BDL	0.83	BDL	0.03	BDL	0.04	BDL	0.8	BDL	0.14	BDL	0.45	BDL	0.32	BDL	0.41	BDL	0.09	BDL	0.03	BDL	0.03	BDL	0.16	BDL	0.53	0.015976	0.67	BDL	0.23	BDL	0.17	BDL	0.05	BDL	0.05	BDL	0.81	BDL	0.6	BDL	0.34
4/24/2013 19:12	titan5	111	100	150	401	6224.988	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.05	BDL	0.21	BDL	0.8	BDL	0.16	BDL	0.45	BDL	0.21	BDL	0.42	BDL	0.1	BDL	0.03	BDL	0.02	BDL	0.18	BDL	0.53	0.015783	0.63	BDL	0.23	BDL	0.23	BDL	0.05	BDL	0.1	BDL	0.81	BDL	0.48	BDL	0.27
4/24/2013 19:13	titan5	112	100	150	401	6216.01	Titan1-164	BDL	0.17	BDL	0.83	BDL	0.05	BDL	0.06	BDL	0.8	BDL	0.14	BDL	0.44	BDL	0.21	BDL	0.43	BDL	0.1	BDL	0.04	BDL	0.01	BDL	0.1	BDL	0.52	0.01491	0.66	BDL	0.22	BDL	0.26	BDL	0.08	BDL	0.1	BDL	0.81	BDL	0.24	BDL	0.25
4/24/2013 19:14	titan5	113	100	150	401	6189.989	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.04	BDL	0.07	BDL	0.8	BDL	0.19	BDL	0.45	BDL	0.28	BDL	0.43	BDL	0.09	BDL	0.02	BDL	0.03	BDL	0.14	BDL	0.53	0.016669	0.67	BDL	0.21	BDL	0.2	BDL	0.06	BDL	0.06	BDL	0.81	BDL	0.35	BDL	0.38
4/24/2013 19:15	titan5	114	100	150	401	6179.183	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.03	BDL	0.1	BDL	0.8	BDL	0.16	BDL	0.43	BDL	0.28	BDL	0.42	BDL	0.1	BDL	0.02	BDL	0.01	BDL	0.15	BDL	0.53	0.016095	0.65	BDL	0.21	BDL	0.17	BDL	0.04	BDL	0.07	BDL	0.81	BDL	0.33	BDL	0.29
4/24/2013 19:16	titan5	115	100	150	401	6130.619	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.06	BDL	0.12	BDL	0.8	BDL	0.18	BDL	0.45	BDL	0.28	BDL	0.42	BDL	0.09	BDL	0.06	BDL	0.02	BDL	0.14	BDL	0.54	0.017662	0.68	BDL	0.21	BDL	0.15	BDL	0.03	BDL	0.11	BDL	0.81	BDL	0.43	BDL	0.33
4/24/2013 19:17	titan5	116	100	150	400	6141.917	Titan1-164	BDL	0.19	BDL	0.83	BDL	0.08	BDL	0.11	BDL	0.8	BDL	0.13	BDL	0.46	BDL	0.22	BDL	0.39	BDL	0.09	BDL	0.03	BDL	0.01	BDL	0.14	BDL	0.53	0.015882	0.62	BDL	0.21	BDL	0.2	BDL	0.06	BDL	0.08	BDL	0.81	BDL	0.27	BDL	0.32
4/24/2013 19:18	titan5	117	100	150	401	6124.965	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.05	BDL	0.08	BDL	0.8	BDL	0.15	BDL	0.44	BDL	0.29	BDL	0.43	BDL	0.09	BDL	0.04	BDL	0.03	BDL	0.14	BDL	0.53	0.015445	0.63	BDL	0.2	BDL	0.26	BDL	0.05	BDL	0.11	BDL	0.8	BDL	0.19	BDL	0.37
4/24/2013 19:19	titan5	118	100	150	401	6104.168	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.06	BDL	0.19	BDL	0.8	BDL	0.14	BDL	0.43	BDL	0.24	BDL	0.41	BDL	0.1	BDL	0.04	BDL	0.03	BDL	0.16	BDL	0.55	0.01608	0.67	BDL	0.18	BDL	0.09	BDL	0.08	BDL	0.1	BDL	0.81	BDL	0.61	BDL	0.31
4/24/2013 19:20	titan5	119	100	150	401	6123.448	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.04	BDL	0.06	BDL	0.8	BDL	0.2	BDL	0.45	BDL	0.28	BDL	0.36	BDL	0.09	BDL	0.03	BDL	0.04	BDL	0.14	BDL	0.53	0.016178	0.67	BDL	0.21	BDL	0.18	BDL	0.08	BDL	0.09	BDL	0.8	BDL	0.19	BDL	0.3
4/24/2013 19:21	titan5	120	100	150	401	6096.016	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.03	BDL	0.1	BDL	0.8	BDL	0.15	BDL	0.44	BDL	0.34	BDL	0.41	BDL	0.1	BDL	0.03	BDL	0.04	BDL	0.16	BDL	0.53	0.017675	0.64	BDL	0.2	BDL	0.17	BDL	0.07	BDL	0.12	BDL	0.8	BDL	0.23	BDL	0.34
4/24/2013 19:22	titan5	121	100	150	401	6045.235	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.05	BDL	0.09	BDL	0.8	BDL	0.16	BDL	0.45	BDL	0.27	BDL	0.41	BDL	0.09	BDL	0.05	BDL	0.02	BDL	0.15	BDL	0.53	0.018114	0.7	BDL	0.19	BDL	0.14	BDL	0.05	BDL	0.13	BDL	0.8	BDL	0.35	BDL	0.42
4/24/2013 19:23	titan5	122	100	150	401	6053.991	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.04	BDL	0.1	BDL	0.8	BDL	0.16	BDL	0.46	BDL	0.32	BDL	0.41	BDL	0.1	BDL	0.03	BDL	0.03	BDL	0.12	BDL	0.53	0.016291	0.68	BDL	0.2	BDL	0.21	BDL	0.17	BDL	0.11	BDL	0.8	BDL	0.64	BDL	0.33
4/24/2013 19:24	titan5	123	100	150	401	6024.622	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.05	BDL	0.1	BDL	0.8	BDL	0.22	BDL	0.44	BDL	0.31	BDL	0.39	BDL	0.1	BDL	0.03	BDL	0.05	BDL	0.14	BDL	0.55	0.01689	0.62	BDL	0.21	BDL	0.19	BDL	0.1	BDL	0.1	BDL	0.81	BDL	0.33	BDL	0.34
4/24/2013 19:25	titan5	124	100	150	401	6047.288	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.05	BDL	0.15	BDL	0.8	BDL	0.18	BDL	0.46	BDL	0.31	BDL	0.38	BDL	0.1	BDL	0.06	BDL	0.03	BDL	0.13	BDL	0.53	0.017063	0.7	BDL	0.2	BDL	0.24	BDL	0.06	BDL	0.13	BDL	0.81	BDL	0.3	BDL	0.33
4/24/2013 19:26	titan5	125	100	150	401	6041.127	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.05	BDL	0.11	BDL	0.8	BDL	0.12	BDL	0.44	BDL	0.23	BDL	0.41	BDL	0.09	BDL	0.04	BDL	0.02	BDL	0.15	BDL	0.55	0.0159	0.64	BDL	0.18	BDL	0.11	BDL	0.02	BDL	0.07	BDL	0.8	BDL	0.23	BDL	0.37
4/24/2013 19:27	titan5	126	100	150	401	6046.567	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.07	BDL	0.05	BDL	0.8	BDL	0.14	BDL	0.43	BDL	0.21	BDL	0.38	BDL	0.1	BDL	0.04	BDL	0.02	BDL	0.17	BDL	0.54	0.016491	0.66	BDL	0.18	BDL	0.18	BDL	0.15	BDL	0.14	BDL	0.8	BDL	0.23	BDL	0.33
4/24/2013 19:28	titan5	127	100	150	401	6027.541	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.05	BDL	0.09	BDL	0.8	BDL	0.11	BDL	0.43	BDL	0.24	BDL	0.41	BDL	0.09	BDL	0.02	BDL	0.01	BDL	0.14	BDL	0.53	0.015769	0.64	BDL	0.2	BDL	0.2	BDL	0.06	BDL	0.09	BDL	0.8	BDL	0.26	BDL	0.32
4/24/2013 19:30	titan5	128	100	150	401	6015.821	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.04	BDL	0.18	BDL	0.8	BDL	0.17	BDL	0.44	BDL	0.31	BDL	0.4	BDL	0.1	BDL	0.05	BDL	0.03	BDL	0.14	BDL	0.54	0.016593	0.67	BDL	0.19	BDL	0.11	BDL	0.06	BDL	0.12	BDL	0.8	BDL	0.21	BDL	0.29
4/24/2013 19:31	titan5	129	100	150	400	6017.879	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.04	BDL	0.17	BDL	0.8	BDL	0.05	BDL	0.45	BDL	0.19	BDL	0.4	BDL	0.08	BDL	0.04	BDL	0.06	BDL	0.14	BDL	0.54	0.016988	0.67	BDL	0.22	BDL	0.22	BDL	0.07	BDL	0.1	BDL	0.8	BDL	0.45	BDL	0.38
4/24/2013 19:32	titan5	130	100	150	401	6002.605	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.03	BDL	0.19	BDL	0.8	BDL	0.19	BDL	0.46	BDL	0.32	BDL	0.42	BDL	0.1	BDL	0.02	BDL	0.06	BDL	0.14	BDL	0.53	0.017157	0.66	BDL	0.2	BDL	0.22	BDL	0.02	BDL	0.11	BDL	0.8	BDL	0.24	BDL	0.34
4/24/2013 19:33	titan5	131	100	150	401	5981.158	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.03	BDL	0.1	BDL	0.8	BDL	0.16	BDL	0.44	BDL	0.35	BDL	0.38	BDL	0.09	BDL	0.04	BDL	0.05	BDL	0.15	BDL	0.54	0.017875	0.68	BDL	0.18	BDL	0.11	BDL	0.02	BDL	0.14	BDL	0.8	BDL	0.31	BDL	0.32
4/24/2013 19:34	titan5	132	100	150	400	5966.156	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.04	BDL	0.1	BDL	0.8	BDL	0.14	BDL	0.44	BDL	0.29	BDL	0.41	BDL	0.1	BDL	0.03	BDL	0.03	BDL	0.15	BDL	0.54	0.01628	0.63	BDL	0.19	BDL	0.26	BDL	0.01	BDL	0.1	BDL	0.8	BDL	0.35	BDL	0.28
4/24/2013 19:35	titan5	133	100	150	401	5944.279	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.06	BDL	0.17	BDL	0.8	BDL	0.1	BDL	0.46	BDL	0.31	BDL	0.42	BDL	0.09	BDL	0.05	BDL	0.01	BDL	0.16	BDL	0.54	0.018536	0.69	BDL	0.19	BDL	0.17	BDL	0.03	BDL	0.13	BDL	0.8	BDL	0.3	BDL	0.35
4/24/2013 19:36	titan5	134	100	150	401	5931.883	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.06	BDL	0.04	BDL	0.8	BDL	0.23	BDL	0.45	BDL	0.31	BDL	0.4	BDL	0.09	BDL	0.03	BDL	0.06	BDL	0.15	BDL	0.54	0.017743	0.67	BDL	0.18	BDL	0.17	BDL	0.02	BDL	0.1	BDL	0.8	BDL	0.22	BDL	0.35
4/24/2013 19:37	titan5	135	100	150	400	5945.565	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.04	BDL	0.09	BDL	0.8	BDL	0.11	BDL	0.45	BDL	0.23	BDL	0.39	BDL	0.09	BDL	0.07	BDL	0.05	BDL	0.15	BDL	0.55	0.016065	0.65	BDL	0.16	BDL	0.28	BDL	0.02	BDL	0.06	BDL	0.81	BDL	0.42	BDL	0.34
4/24/2013 19:38	titan5	136	100	150	400	5928.275	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.06	BDL	0.1	BDL	0.8	BDL	0.06	BDL	0.45	BDL	0.34	BDL	0.41	BDL	0.09	BDL	0.06	BDL	0.02	BDL	0.13	BDL	0.54	0.017073	0.68	BDL	0.2	BDL	0.24	BDL	0.06	BDL	0.12	BDL	0.8	BDL	0.44	BDL	0.34
4/24/2013 19:39	titan5	137	100	150	401	5928.975	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.03	BDL	0.08	BDL	0.8	BDL	0.11	BDL	0.45	BDL	0.26	BDL	0.36	BDL	0.09	BDL	0.04	BDL	0.03	BDL	0.15	BDL	0.55	0.015841	0.63	BDL	0.18	BDL	0.21	BDL	0.08	BDL	0.1	BDL	0.81	BDL	0.37	BDL	0.38
4/24/2013 19:40	titan5	138	100	150	400	5908.494	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.06	BDL	0.09	BDL	0.8	BDL	0.1	BDL	0.44	BDL	0.29	BDL	0.4	BDL	0.1	BDL	0.03	BDL	0.06	BDL	0.15	BDL	0.54	0.017162	0.68	BDL	0.19	BDL	0.13	BDL	0.03	BDL	0.14	BDL	0.8	BDL	0.27	BDL	0.37
4/24/2013 19:41	titan5	139	100	150	401	5921.509	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.04	BDL	0.1	BDL	0.8	BDL	0.11	BDL	0.45	BDL	0.29	BDL	0.36	BDL	0.08	BDL	0.04	BDL	0.04	BDL	0.16	BDL	0.54	0.017238	0.69	BDL	0.19	BDL	0.17	BDL	0.02	BDL	0.13	BDL	0.8	BDL	0.32	BDL	0.36
4/24/2013 19:42	titan5	140	100	150	401	5896.936	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.05	BDL	0.21	BDL	0.8	BDL	0.08	BDL	0.43	BDL	0.27	BDL	0.41	BDL	0.09	BDL	0.02	BDL	0.05	BDL	0.13	BDL	0.53	0.015667	0.64	BDL	0.19	BDL	0.14	BDL	0.05	BDL	0.13	BDL	0.8	BDL	0.49	BDL	0.3
4/24/2013 19:43	titan5	141	100	150	400	5893.256	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.04	BDL	0.1	BDL	0.8	BDL	0.07	BDL	0.43	BDL	0.19	BDL	0.38	BDL	0.09	BDL	0.03	BDL	0.03	BDL	0.19	BDL	0.54	0.015833	0.64	BDL	0.2	BDL	0.15	BDL	0.03	BDL	0.06	BDL	0.8	BDL	0.35	BDL	0.31
4/24/2013 19:44	titan5	142	100	150	401	5896.847	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.05	BDL	0.2	BDL	0.8	BDL	0.14	BDL	0.42	BDL	0.21	BDL	0.34	BDL	0.08	BDL	0.05	BDL	0.08	BDL	0.15	BDL	0.54	0.015248	0.62	BDL	0.17	BDL	0.15	BDL	0.03	BDL	0.12	BDL	0.8	BDL	0.61	BDL	0.27
4/24/2013 19:45	titan5	143	100	150	401	5890.291	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.04	BDL	0.2	BDL	0.8	BDL	0.13	BDL	0.44	BDL	0.24	BDL	0.38	BDL	0.09	BDL	0.04	BDL	0.03	BDL	0.12	BDL	0.54	0.017262	0.62	BDL	0.18	BDL	0.24	BDL	0.11	BDL	0.09	BDL	0.8	BDL	0.28	BDL	0.28
4/24/2013 19:46	titan5	144	100	150	400	5868.779	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.03	BDL	0.12	BDL	0.8	BDL	0.11	BDL	0.43	BDL	0.24	BDL	0.4	BDL	0.1	BDL	0.04	BDL	0.03	BDL	0.13	BDL	0.54	0.016019	0.64	BDL	0.18	BDL	0.19	BDL	0.03	BDL	0.05	BDL	0.8	BDL	0.22	BDL	0.37
4/24/2013 19:47	titan5	145	100	150	399	5863.054	Titan1-164	BDL	0.18	BDL	0.82	BDL	0.07	BDL	0.17	BDL	0.8	BDL	0.07	BDL	0.44	BDL	0.2	BDL	0.39	BDL	0.1	BDL	0.02	BDL	0.04	BDL	0.12	BDL	0.55	0.015458	0.61	BDL	0.18	BDL	0.22	BDL	0.06	BDL	0.04	BDL	0.8	BDL	0.37	BDL	0.26
4/24/2013 19:48	titan5	146	100	150	400	5861.872	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.06	BDL	0.1	BDL	0.8	BDL	0.07	BDL	0.45	BDL	0.21	BDL	0.37	BDL	0.08	BDL	0.05	BDL	0.04	BDL	0.13	BDL	0.54	0.016251	0.64	BDL	0.2	BDL	0.22	BDL	0.08	BDL	0.05	BDL	0.79	BDL	0.35	BDL	0.34
4/24/2013 19:49	titan5	147	100	150	401	5859.854	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.03	BDL	0.12	BDL	0.8	BDL	0.15	BDL	0.43	BDL	0.24	BDL	0.39	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.17	BDL	0.54	0.015978	0.6	BDL	0.2	BDL	0.06	BDL	0.02	BDL	0.05	BDL	0.79	BDL	0.56	BDL	0.28
4/24/2013 19:50	titan5	148	100	150	401	5866.767	Titan1-164	BDL	0.18	BDL	0.81	BDL	0.04	BDL	0.17	BDL	0.8	BDL	0.11	BDL	0.43	BDL	0.22	BDL	0.36	BDL	0.09	BDL	0.04	BDL	0.05	BDL	0.13	BDL	0.54	0.016201	0.66	BDL	0.19	BDL	0.13	BDL	0.02	BDL	0.1	BDL	0.79	BDL	0.58	BDL	0.27
4/24/2013 19:51	titan5	149	100	150	401	5837.393	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.03	BDL	0.13	BDL	0.8	BDL	0.07	BDL	0.44	BDL	0.25	BDL	0.37	BDL	0.09	BDL	0.06	BDL	0.03	BDL	0.15	BDL	0.55	0.016587	0.62	BDL	0.18	BDL	0.25	BDL	0.04	BDL	0.05	BDL	0.79	BDL	0.19	BDL	0.33
4/24/2013 19:52	titan5	150	100	150	401	5829.809	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.04	BDL	0.1	BDL	0.8	BDL	0.08	BDL	0.43	BDL	0.33	BDL	0.38	BDL	0.09	BDL	0.02	BDL	0.05	BDL	0.14	BDL	0.54	0.016793	0.66	BDL	0.19	BDL	0.11	BDL	0.07	BDL	0.09	BDL	0.79	BDL	0.37	BDL	0.39
4/24/2013 19:53	titan5	151	100	150	401	5789.647	Titan1-164	BDL	0.2	BDL	0.81	BDL	0.03	BDL	0.14	BDL	0.8	BDL	0.12	BDL	0.45	BDL	0.25	BDL	0.36	BDL	0.09	BDL	0.04	BDL	0.02	BDL	0.14	BDL	0.55	0.016292	0.66	BDL	0.21	BDL	0.16	BDL	0.08	BDL	0.06	BDL	0.79	BDL	0.2	BDL	0.32

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Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
							Maximum:	0	0.6	0	0.57	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
							Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/24/2013 19:54	titan5	152	100	150	401	5797.73	Titan1-164	BDL	0.2	BDL	0.81	BDL	0.03	BDL	0.11	BDL	0.8	BDL	0.07	BDL	0.44	BDL	0.21	BDL	0.4	BDL	0.03	BDL	0.5	BDL	0.04	BDL	0.14	BDL	0.55	0.018475	0.69	BDL	0.2	BDL	0.17	BDL	0.03	BDL	0.08	BDL	0.06	BDL	0.79	BDL	0.18	BDL	0.3
4/24/2013 19:55	titan5	153	100	150	401	5811.229	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.04	BDL	0.16	BDL	0.8	BDL	0.15	BDL	0.45	BDL	0.23	BDL	0.4	BDL	0.03	BDL	0.5	BDL	0.03	BDL	0.12	BDL	0.54	0.016785	0.66	BDL	0.19	BDL	0.13	BDL	0.12	BDL	0.06	BDL	0.06	BDL	0.79	BDL	0.14	BDL	0.3
4/24/2013 19:56	titan5	154	100	150	401	5809.073	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.03	BDL	0.12	BDL	0.8	BDL	0.08	BDL	0.44	BDL	0.21	BDL	0.37	BDL	0.1	BDL	0.04	BDL	0.02	BDL	0.14	BDL	0.55	0.018071	0.7	BDL	0.19	BDL	0.18	BDL	0.03	BDL	0.11	BDL	0.79	BDL	0.26	BDL	0.34
4/24/2013 19:57	titan5	155	100	150	401	5777.575	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.04	BDL	0.11	BDL	0.8	BDL	0.13	BDL	0.44	BDL	0.24	BDL	0.38	BDL	0.09	BDL	0.03	BDL	0.02	BDL	0.12	BDL	0.55	0.017621	0.68	BDL	0.18	BDL	0.13	BDL	0.03	BDL	0.14	BDL	0.79	BDL	0.1	BDL	0.28
4/24/2013 19:58	titan5	156	100	150	401	5770.557	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.04	BDL	0.16	BDL	0.8	BDL	0.09	BDL	0.44	BDL	0.19	BDL	0.37	BDL	0.09	BDL	0.03	BDL	0.05	BDL	0.13	BDL	0.55	0.016797	0.68	BDL	0.21	BDL	0.17	BDL	0.05	BDL	0.08	BDL	0.79	BDL	0.39	BDL	0.3
4/24/2013 19:59	titan5	157	100	150	401	5771.868	Titan1-164	BDL	0.2	BDL	0.81	BDL	0.03	BDL	0.14	BDL	0.8	BDL	0.12	BDL	0.45	BDL	0.29	BDL	0.34	BDL	0.09	BDL	0.04	BDL	0.04	BDL	0.12	BDL	0.56	0.016578	0.67	BDL	0.18	BDL	0.23	BDL	0.09	BDL	0.08	BDL	0.79	BDL	0.21	BDL	0.33
4/24/2013 20:00	titan5	158	100	150	401	5768.169	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.05	BDL	0.12	BDL	0.8	BDL	0.2	BDL	0.44	BDL	0.24	BDL	0.33	BDL	0.08	BDL	0.04	BDL	0.03	BDL	0.15	BDL	0.56	0.017135	0.69	BDL	0.18	BDL	0.18	BDL	0.12	BDL	0.07	BDL	0.79	BDL	0.21	BDL	0.26
4/24/2013 20:01	titan5	159	100	150	401	5813.935	Titan1-164	BDL	0.18	BDL	0.81	BDL	0.03	BDL	0.23	BDL	0.8	BDL	0.1	BDL	0.43	BDL	0.31	BDL	0.33	BDL	0.09	BDL	0.03	BDL	0.03	BDL	0.15	BDL	0.55	0.016933	0.68	BDL	0.2	BDL	0.08	BDL	0.1	BDL	0.14	BDL	0.79	BDL	0.15	BDL	0.27
4/24/2013 20:03	titan5	160	100	150	401	5814.039	Titan1-164	BDL	0.18	BDL	0.81	BDL	0.03	BDL	0.14	BDL	0.8	BDL	0.1	BDL	0.43	BDL	0.18	BDL	0.36	BDL	0.1	BDL	0.03	BDL	0.01	BDL	0.13	BDL	0.55	0.015815	0.58	BDL	0.17	BDL	0.22	BDL	0.04	BDL	0.05	BDL	0.79	BDL	0.27	BDL	0.29
4/24/2013 20:04	titan5	161	100	150	401	5799.594	Titan1-164	BDL	0.17	BDL	0.81	BDL	0.05	BDL	0.13	BDL	0.8	BDL	0.12	BDL	0.44	BDL	0.21	BDL	0.37	BDL	0.08	BDL	0.02	BDL	0.01	BDL	0.13	BDL	0.55	0.015837	0.64	BDL	0.17	BDL	0.24	BDL	0.06	BDL	0.04	BDL	0.78	BDL	0.28	BDL	0.27
4/24/2013 20:05	titan5	162	100	150	401	5810.845	Titan1-164	BDL	0.18	BDL	0.81	BDL	0.05	BDL	0.17	BDL	0.8	BDL	0.14	BDL	0.43	BDL	0.24	BDL	0.4	BDL	0.09	BDL	0.02	BDL	0.03	BDL	0.11	BDL	0.55	0.014664	0.56	BDL	0.22	BDL	0.15	BDL	0.09	BDL	0.08	BDL	0.79	BDL	0.12	BDL	0.3
4/24/2013 20:06	titan5	163	100	150	400	5789.287	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.04	BDL	0.14	BDL	0.8	BDL	0.14	BDL	0.44	BDL	0.16	BDL	0.35	BDL	0.09	BDL	0.05	BDL	0.01	BDL	0.14	BDL	0.55	0.015921	0.59	BDL	0.17	BDL	0.11	BDL	0.09	BDL	0.06	BDL	0.79	BDL	0.21	BDL	0.25
4/24/2013 20:07	titan5	164	100	150	400	5780.647	Titan1-164	BDL	0.18	BDL	0.81	BDL	0.03	BDL	0.15	BDL	0.8	BDL	0.09	BDL	0.45	BDL	0.12	BDL	0.35	BDL	0.09	BDL	0.03	BDL	0.03	BDL	0.13	BDL	0.55	0.016046	0.64	BDL	0.17	BDL	0.15	BDL	0.11	BDL	0.03	BDL	0.79	BDL	0.49	BDL	0.28
4/24/2013 20:08	titan5	165	100	150	400	5780.801	Titan1-164	BDL	0.18	BDL	0.81	BDL	0.02	BDL	0.16	BDL	0.8	BDL	0.12	BDL	0.46	BDL	0.21	BDL	0.35	BDL	0.08	BDL	0.04	BDL	0.05	BDL	0.11	BDL	0.56	0.015898	0.61	BDL	0.17	BDL	0.11	BDL	0.08	BDL	0.07	BDL	0.78	BDL	0.37	BDL	0.32
4/24/2013 20:09	titan5	166	100	150	401	5787.803	Titan1-164	BDL	0.18	BDL	0.81	BDL	0.06	BDL	0.16	BDL	0.8	BDL	0.14	BDL	0.43	BDL	0.27	BDL	0.39	BDL	0.08	BDL	0.04	BDL	0.04	BDL	0.15	BDL	0.55	0.016898	0.62	BDL	0.18	BDL	0.12	BDL	0.09	BDL	0.13	BDL	0.79	BDL	0.29	BDL	0.32
4/24/2013 20:10	titan5	167	100	150	400	5764.366	Titan1-164	BDL	0.19	BDL	0.81	BDL	0.05	BDL	0.18	BDL	0.8	BDL	0.14	BDL	0.42	BDL	0.21	BDL	0.31	BDL	0.09	BDL	0.04	BDL	0.05	BDL	0.17	BDL	0.56	0.014092	0.59	BDL	0.17	BDL	0.23	BDL	0.06	BDL	0.06	BDL	0.79	BDL	0.24	BDL	0.25
4/24/2013 21:51	titan6	1	100	150	401	5778.907	Titan1-164	BDL	0.26	BDL	0.81	BDL	0.05	BDL	0.24	BDL	0.8	BDL	0.02	BDL	0.45	BDL	0.22	BDL	0.35	BDL	0.09	BDL	0.05	BDL	0.03	BDL	0.25	BDL	0.55	0.017083	0.69	BDL	0.21	BDL	0.19	BDL	0.03	BDL	0.18	BDL	0.64	BDL	0.29	BDL	0.36
4/24/2013 21:52	titan6	2	100	150	401	5801.064	Titan1-164	BDL	0.24	BDL	0.81	BDL	0.05	BDL	0.23	BDL	0.8	BDL	0.11	BDL	0.44	BDL	0.16	BDL	0.36	BDL	0.09	BDL	0.04	BDL	0.03	BDL	0.19	BDL	0.55	0.014492	0.59	BDL	0.18	BDL	0.1	BDL	0.02	BDL	0.13	BDL	0.63	BDL	0.37	BDL	0.42
4/24/2013 21:53	titan6	3	100	150	401	5810.312	Titan1-164	BDL	0.26	BDL	0.81	BDL	0.06	BDL	0.16	BDL	0.8	BDL	0.1	BDL	0.45	BDL	0.16	BDL	0.39	BDL	0.1	BDL	0.03	BDL	0.03	BDL	0.18	BDL	0.54	0.014405	0.6	BDL	0.19	BDL	0.06	BDL	0.03	BDL	0.13	BDL	0.62	BDL	0.34	BDL	0.34
4/24/2013 21:54	titan6	4	100	150	401	5819.259	Titan1-164	BDL	0.24	BDL	0.81	BDL	0.08	BDL	0.16	BDL	0.8	BDL	0.1	BDL	0.46	BDL	0.14	BDL	0.37	BDL	0.09	BDL	0.02	BDL	0.03	BDL	0.17	BDL	0.55	0.015558	0.58	BDL	0.2	BDL	0.12	BDL	0.04	BDL	0.18	BDL	0.62	BDL	0.33	BDL	0.31
4/24/2013 21:55	titan6	5	100	150	401	5835.895	Titan1-164	BDL	0.24	BDL	0.81	BDL	0.06	BDL	0.21	BDL	0.8	BDL	0.07	BDL	0.46	BDL	0.12	BDL	0.34	BDL	0.09	BDL	0.05	BDL	0.03	BDL	0.16	BDL	0.54	0.014667	0.59	BDL	0.19	BDL	0.2	BDL	0.02	BDL	0.13	BDL	0.61	BDL	0.26	BDL	0.29
4/24/2013 21:56	titan6	6	100	150	401	5861.012	Titan1-164	BDL	0.24	BDL	0.81	BDL	0.05	BDL	0.33	BDL	0.8	BDL	0.07	BDL	0.45	BDL	0.12	BDL	0.34	BDL	0.09	BDL	0.03	BDL	0.03	BDL	0.16	BDL	0.55	0.013377	0.52	BDL	0.2	BDL	0.26	BDL	0.02	BDL	0.16	BDL	0.6	BDL	0.46	BDL	0.35
4/24/2013 21:57	titan6	7	100	150	401	5854.423	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.04	BDL	0.26	BDL	0.8	BDL	0.15	BDL	0.45	BDL	0.07	BDL	0.33	BDL	0.09	BDL	0.04	BDL	0.03	BDL	0.19	BDL	0.55	0.014039	0.57	BDL	0.2	BDL	0.05	BDL	0.05	BDL	0.15	BDL	0.62	BDL	0.12	BDL	0.31
4/24/2013 21:58	titan6	8	100	150	401	5853.108	Titan1-164	BDL	0.24	BDL	0.81	BDL	0.04	BDL	0.25	BDL	0.8	BDL	0.07	BDL	0.44	BDL	0.16	BDL	0.36	BDL	0.09	BDL	0.02	BDL	0.03	BDL	0.14	BDL	0.56	0.014643	0.59	BDL	0.2	BDL	0.08	BDL	0.03	BDL	0.18	BDL	0.62	BDL	0.35	BDL	0.31
4/24/2013 21:59	titan6	9	100	150	401	5852.499	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.05	BDL	0.23	BDL	0.8	BDL	0.08	BDL	0.45	BDL	0.2	BDL	0.35	BDL	0.09	BDL	0.04	BDL	0.03	BDL	0.21	BDL	0.55	0.01457	0.59	BDL	0.18	BDL	0.07	BDL	0.04	BDL	0.11	BDL	0.63	BDL	0.32	BDL	0.31
4/24/2013 22:00	titan6	10	100	150	401	5840.57	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.06	BDL	0.2	BDL	0.8	BDL	0.14	BDL	0.45	BDL	0.18	BDL	0.35	BDL	0.1	BDL	0.03	BDL	0.04	BDL	0.15	BDL	0.55	0.01444	0.61	BDL	0.18	BDL	0.15	BDL	0.08	BDL	0.26	BDL	0.64	BDL	0.3	BDL	0.28
4/24/2013 22:01	titan6	11	100	150	401	5843.229	Titan1-164	BDL	0.24	BDL	0.81	BDL	0.04	BDL	0.23	BDL	0.8	BDL	0.06	BDL	0.45	BDL	0.15	BDL	0.33	BDL	0.08	BDL	0.03	BDL	0.03	BDL	0.17	BDL	0.55	0.015222	0.62	BDL	0.18	BDL	0.08	BDL	0.01	BDL	0.17	BDL	0.64	BDL	0.31	BDL	0.27
4/24/2013 22:02	titan6	12	100	150	401	5839.738	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.06	BDL	0.14	BDL	0.8	BDL	0.08	BDL	0.45	BDL	0.16	BDL	0.35	BDL	0.09	BDL	0.03	BDL	0.02	BDL	0.17	BDL	0.55	0.015662	0.62	BDL	0.18	BDL	0.24	BDL	0.01	BDL	0.16	BDL	0.64	BDL	0.14	BDL	0.35
4/24/2013 22:03	titan6	13	100	150	401	5807.824	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.06	BDL	0.22	BDL	0.8	BDL	0.04	BDL	0.45	BDL	0.12	BDL	0.37	BDL	0.08	BDL	0.04	BDL	0.03	BDL	0.16	BDL	0.54	0.017703	0.66	BDL	0.2	BDL	0.11	BDL	0.03	BDL	0.17	BDL	0.65	BDL	0.22	BDL	0.35
4/24/2013 22:04	titan6	14	100	150	401	5793.383	Titan1-164	BDL	0.24	BDL	0.81	BDL	0.06	BDL	0.19	BDL	0.8	BDL	0.09	BDL	0.46	BDL	0.15	BDL	0.39	BDL	0.09	BDL	0.03	BDL	0.04	BDL	0.19	BDL	0.54	0.017473	0.69	BDL	0.2	BDL	0.13	BDL	0.02	BDL	0.17	BDL	0.66	BDL	0.55	BDL	0.39
4/24/2013 22:05	titan6	15	100	150	401	5797.253	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.05	BDL	0.23	BDL	0.8	BDL	0.13	BDL	0.45	BDL	0.22	BDL	0.34	BDL	0.09	BDL	0.04	BDL	0.05	BDL	0.16	BDL	0.55	0.018075	0.69	BDL	0.21	BDL	0.15	BDL	0.02	BDL	0.18	BDL	0.66	BDL	0.28	BDL	0.28
4/24/2013 22:06	titan6	16	100	150	401	5820.778	Titan1-164	BDL	0.24	BDL	0.81	BDL	0.04	BDL	0.18	BDL	0.8	BDL	0.13	BDL	0.44	BDL	0.13	BDL	0.36	BDL	0.09	BDL	0.02	BDL	0.05	BDL	0.17	BDL	0.56	0.017904	0.67	BDL	0.22	BDL	0.16	BDL	0.02	BDL	0.15	BDL	0.66	BDL	0.38	BDL	0.41
4/24/2013 22:07	titan6	17	100	150	401	5831.247	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.04	BDL	0.21	BDL	0.8	BDL	0.07	BDL	0.44	BDL	0.15	BDL	0.33	BDL	0.09	BDL	0.04	BDL	0.02	BDL	0.15	BDL	0.55	0.016584	0.63	BDL	0.2	BDL	0.12	BDL	0.02	BDL	0.14	BDL	0.65	BDL	0.27	BDL	0.35
4/24/2013 22:08	titan6	18	100	150	401	5852.22	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.05	BDL	0.25	BDL	0.8	BDL	0.09	BDL	0.45	BDL	0.13	BDL	0.4	BDL	0.09	BDL	0.04	BDL	0.03	BDL	0.17	BDL	0.55	0.015706	0.62	BDL	0.18	BDL	0.12	BDL	0.07	BDL	0.15	BDL	0.64	BDL	0.23	BDL	0.32
4/24/2013 22:09	titan6	19	100	150	401	5893.624	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.07	BDL	0.21	BDL	0.8	BDL	0.06	BDL	0.44	BDL	0.19	BDL	0.35	BDL	0.09	BDL	0.03	BDL	0.03	BDL	0.18	BDL	0.54	0.015306	0.62	BDL	0.2	BDL	0.14	BDL	0.01	BDL	0.19	BDL	0.62	BDL	0.7	BDL	0.32
4/24/2013 22:10	titan6	20	100	150	401	5911.341	Titan1-164	BDL	0.25	BDL	0.82	BDL	0.07	BDL	0.32	BDL	0.8	BDL	0.12	BDL	0.45	BDL	0.13	BDL	0.38	BDL	0.09	BDL	0.02	BDL	0.07	BDL	0.16	BDL	0.54	0.014833	0.59	BDL	0.21	BDL	0.16	BDL	0.01	BDL	0.16	BDL	0.61	BDL	0.33	BDL	0.3
4/24/2013 22:11	titan6	21	100	150	401	5926.721	Titan1-164	BDL	0.25	BDL	0.82	BDL	0.07	BDL	0.21	BDL	0.8	BDL	0.1	BDL	0.45	BDL	0.1	BDL	0.32	BDL	0.1	BDL	0.04	BDL	0.07	BDL	0.15	BDL	0.55	0.013719	0.59	BDL	0.18	BDL	0.11	BDL	0.03	BDL	0.16	BDL	0.6	BDL	0.35	BDL	0.29
4/24/2013 22:12	titan6	22	100	150	401	5943.195	Titan1-164	BDL	0.26	BDL	0.82	BDL	0.05	BDL	0.33	BDL	0.8	BDL	0.09	BDL	0.43	BDL	0.1	BDL	0.38	BDL	0.09	BDL	0.03	BDL	0.03	BDL	0.1	BDL	0.55	0.013436	0.55	BDL	0.19	BDL	0.09	BDL	0.06	BDL	0.17	BDL	0.6	BDL	0.34	BDL	0.22
4/24/2013 22:13	titan6	23	100	150	401	5934.367	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.06	BDL	0.27	BDL	0.8	BDL	0.07	BDL	0.44	BDL	0.12	BDL	0.32	BDL	0.09	BDL	0.04	BDL	0.01	BDL	0.16	BDL	0.56	0.014576	0.57	BDL	0.16	BDL	0.16	BDL	0.01	BDL	0.11	BDL	0.6	BDL	0.41	BDL	0.33
4/24/2013 22:14	titan6	24	100	150	401	5980.739	Titan1-164	BDL	0.24	BDL	0.82	BDL	0.05	BDL	0.27	BDL	0.8	BDL	0.14	BDL	0.44	BDL	0.11	BDL	0.39	BDL	0.1	BDL	0.04	BDL	0.04	BDL	0.08	BDL	0.54	0.012511	0.5	BDL	0.18	BDL	0.09	BDL	0.23	BDL	0.13	BDL	0.57	BDL	0.34	BDL	0.24
4/24/2013 22:15	titan6	25	100	150	401	5976.463	Titan1-164	BDL	0.24	BDL	0.82	BDL	0.06	BDL	0.39	BDL	0.8	BDL	0.11	BDL	0.44	BDL	0.14	BDL	0.35	BDL	0.08	BDL	0.03	BDL	0.04	BDL	0.09	BDL	0.55	0.012063	0.51	BDL	0.2	BDL	0.09	BDL	0.04	BDL	0.15	BDL	0.58	BDL	0.19	BDL	0.2
4/24/2013 22:16	titan6	26	100	150	401	5975.501	Titan1-164	BDL	0.25	BDL	0.82	BDL	0.07	BDL	0.22	BDL	0.8	BDL	0.11	BDL	0.44	BDL	0.16	BDL	0.34	BDL	0.09	BDL	0.02	BDL	0.03	BDL	0.13	BDL	0.56	0.012363	0.49	BDL	0.16	BDL	0.1	BDL	0.02	BDL	0.17	BDL	0.57	BDL	0.59	BDL	0.2
4/24/2013 22:17	titan6	27	100	150	401	5984.268	Titan1-164	BDL	0.24	BDL	0.82	BDL	0.03	BDL	0.17	BDL	0.8	BDL	0.06	BDL	0.43	BDL	0.08	BDL	0.41	BDL	0.09	BDL	0.02	BDL	0.07	BDL	0.04	BDL	0.55	0.012292	0.53	BDL	0.17	BDL	0.05	BDL	0.08	BDL	0.16	BDL	0.58	BDL	0.57	BDL	0.21
4/24/2013 22:18	titan6	28	100	150	401	5959.648	Titan1-164	BDL	0.25	BDL	0.82	BDL	0.05	BDL	0.24	BDL	0.8	BDL	0.07	BDL	0.45	BDL	0.06	BDL	0.39	BDL	0.09	BDL	0.02	BDL	0.02	BDL	0.11	BDL	0.55	0.013425	0.53	BDL	0.23	BDL	0.1	BDL	0.07	BDL	0.16	BDL	0.6	BDL	0.24	BDL	0.29
4/24/2013 22:19	titan6	29	100	150	401	5955.671	Titan1-164	BDL	0.24	BDL	0.82	BDL	0.05	BDL	0.24	BDL	0.8	BDL	0.08	BDL	0.44	BDL	0.05	BDL	0.35	BDL	0.09	BDL	0.03	BDL	0.01	BDL	0.16	BDL	0.55	0.015677	0.6	BDL	0.19	BDL	0.1	BDL	0.03	BDL	0.12	BDL	0.61	BDL	0.42	BDL	0.29
4/24/2013 22:20	titan6	30	100	150	401	5936.144	Titan1-164	BDL	0.24	BDL	0.82	BDL	0.04	BDL	0.28	BDL	0.8	BDL	0.05	BDL	0.45	BDL	0.22	BDL	0.39	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.15	BDL	0.54	0.014402	0.61	BDL	0.22	BDL	0.09	BDL	0.06	BDL	0.14	BDL	0.62	BDL	0.24	BDL	0.3
4/24/2013 22:21	titan6	31	100	150	401	5929.143	Titan1-164	BDL	0.24	BDL	0.82	BDL	0.05	BDL	0.23	BDL	0.8	BDL	0.12	BDL	0.44	BDL	0.11	BDL	0.38	BDL	0.08	BDL	0.03	BDL	0.03	BDL	0.2	BDL	0.55	0.015519	0.59	BDL	0.2	BDL	0.16	BDL	0.03	BDL	0.14	BDL	0.62	BDL	0.37	BDL	0.39
4/24/2013 22:22	titan6	32	100	150	401	5914.849	Titan1-164	BDL	0.24	BDL	0.82	BDL	0.05	BDL	0.22	BDL	0.8	BDL	0.2	BDL	0.44	BDL	0.08	BDL	0.37	BDL	0.09	BDL	0.02	BDL	0.03	BDL	0.18	BDL	0.56	0.015972	0.66	BDL	0.19	BDL	0.24	BDL	0.05	BDL	0.14	BDL	0.64	BDL	0.60	BDL	0.34
4/24/2013 22:23	titan6	33	100	150	401	5899.377	Titan1-164	BDL	0.24	BDL	0.82	BDL	0.04	BDL	0.27	BDL	0.8	BDL	0.12	BDL	0.45	BDL	0.16	BDL	0.34	BDL	0.09	BDL	0.05	BDL	0.07	BDL	0.17	BDL	0.54	0.015403	0.65	BDL	0.23	BDL	0.08	BDL	0.02	BDL	0.15	BDL	0.64	BDL	0.53	BDL	0.27
4/24/2013 22:24	titan6	34	100	150	401	5887.389	Titan1-164	BDL	0.25	BDL	0.82	BDL	0.05	BDL	0.14	BDL	0.8	BDL	0.11	BDL	0.44	BDL	0.14	BDL	0.38	BDL	0.09	BDL	0.03	BDL	0.03	BDL	0.13	BDL	0.55	0.015847	0.63	BDL	0.21	BDL	0.13	BDL	0.01	BDL	0.14	BDL	0.65	BDL	0.24	BDL	0.36
4/24/2013 22:25	titan6	35	100	150	401	5875.774	Titan1-164	BDL	0.24	BDL	0.81	BDL	0.05	BDL	0.14	BDL	0.8	BDL	0.03	BDL	0.45	BDL	0.14	BDL	0.38	BDL	0.09	BDL	0.04	BDL	0.04	BDL	0.15	BDL	0.55	0.016592	0.62	BDL	0.18	BDL	0.11	BDL	0.06	BDL	0.15	BDL	0.66	BDL	0.58	BDL	0.37
4/24/2013 22:26	titan6	36	100	150	401	5870.717	Titan1-164	BDL	0.25	BDL	0.82	BDL	0.06	BDL	0.12	BDL	0.8	BDL	0.08	BDL	0.45	BDL	0.24	BDL	0.4	BDL	0.09	BDL	0.03	BDL	0.07	BDL	0.12	BDL	0.54	0.017406	0.64	BDL	0.21	BDL	0.03	BDL	0.03	BDL	0.13	BDL	0.67	BDL	0.31	BDL	0.35
4/24/2013 22:27	titan6	37	100	150	401	5836.424	Titan1-164	BDL	0.24	BDL	0.82	BDL	0.05	BDL	0.16	BDL	0.8	BDL	0.11	BDL	0.45	BDL	0.24	BDL	0.39	BDL	0.09	BDL	0.03	BDL	0.04	BDL	0.2	BDL	0.54	0.019131	0.69	BDL	0.2	BDL	0.08	BDL	0.04	BDL	0.15	BDL	0.67	BDL	0.55	BDL	0.42
4/24/2013 22:28	titan6	38	100	150	401	5832.852	Titan1-164	BDL	0.24	BDL	0.82	BDL	0.03	BDL	0.14	BDL	0.8	BDL	0.09	BDL	0.45	BDL	0.19	BDL	0.36	BDL	0.09	BDL	0.04	BDL	0.04	BDL	0.17	BDL	0.55	0.019578	0.69	BDL	0.2	BDL	0.15	BDL	0.03	BDL	0.15	BDL	0.68	BDL	0.49	BDL	0.37
4/24/2013 22:29	titan6	39	100	150	401	5797.651	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.05	BDL	0.21	BDL	0.8	BDL	0.07	BDL	0.44	BDL	0.19	BDL	0.38	BDL	0.

Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3
4/24/2013 23:49	titan6	116	100	150	401	5585.677	Titan1-164	BDL	0.24	BDL	0.79	BDL	0.05	BDL	0.09	BDL	0.8	BDL	0.07	BDL	0.46	BDL	0.12	BDL	0.34	BDL	0.08
4/24/2013 23:50	titan6	117	100	150	401	5600.745	Titan1-164	BDL	0.23	BDL	0.79	BDL	0.06	BDL	0.17	BDL	0.8	BDL	0.04	BDL	0.47	BDL	0.08	BDL	0.32	BDL	0.09
4/24/2013 23:51	titan6	118	100	150	400	5563.689	Titan1-164	BDL	0.23	BDL	0.79	BDL	0.08	BDL	0.12	BDL	0.8	BDL	0.03	BDL	0.47	BDL	0.11	BDL	0.34	BDL	0.09
4/24/2013 23:52	titan6	119	100	150	401	5542.236	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.07	BDL	0.14	BDL	0.8	BDL	0.04	BDL	0.46	BDL	0.07	BDL	0.37	BDL	0.09
4/24/2013 23:53	titan6	120	100	150	400	5573.82	Titan1-164	BDL	0.24	BDL	0.8	BDL	0.07	BDL	0.11	BDL	0.8	BDL	0.07	BDL	0.46	BDL	0.06	BDL	0.32	BDL	0.09
4/24/2013 23:54	titan6	121	100	150	400	5595.218	Titan1-164	BDL	0.24	BDL	0.8	BDL	0.08	BDL	0.25	BDL	0.8	BDL	0.11	BDL	0.47	BDL	0.03	BDL	0.34	BDL	0.08
4/24/2013 23:55	titan6	122	100	150	401	5636.231	Titan1-164	BDL	0.25	BDL	0.8	BDL	0.04	BDL	0.22	BDL	0.8	BDL	0.08	BDL	0.47	BDL	0.06	BDL	0.35	BDL	0.09
4/24/2013 23:56	titan6	123	100	150	401	5680.687	Titan1-164	BDL	0.25	BDL	0.8	BDL	0.08	BDL	0.18	BDL	0.8	BDL	0.04	BDL	0.46	BDL	0.03	BDL	0.35	BDL	0.1
4/24/2013 23:57	titan6	124	100	150	401	5734.591	Titan1-164	BDL	0.24	BDL	0.8	BDL	0.05	BDL	0.3	BDL	0.8	BDL	0.17	BDL	0.46	BDL	0.12	BDL	0.37	BDL	0.09
4/24/2013 23:58	titan6	125	100	150	401	5728.039	Titan1-164	BDL	0.24	BDL	0.8	BDL	0.06	BDL	0.21	BDL	0.8	BDL	0.13	BDL	0.47	BDL	0.07	BDL	0.31	BDL	0.1
4/24/2013 23:59	titan6	126	100	150	401	5674.636	Titan1-164	BDL	0.23	BDL	0.8	BDL	0.06	BDL	0.19	BDL	0.8	BDL	0.08	BDL	0.46	BDL	0.05	BDL	0.32	BDL	0.11
4/25/2013 0:00	titan6	1	100	150	401	5644.896	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.05	BDL	0.18	BDL	0.8	BDL	0.1	BDL	0.46	BDL	0.04	BDL	0.36	BDL	0.09
4/25/2013 0:01	titan6	2	100	150	401	5626.662	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.08	BDL	0.24	BDL	0.8	BDL	0.04	BDL	0.46	BDL	0.15	BDL	0.32	BDL	0.1
4/25/2013 0:02	titan6	3	100	150	401	5597.361	Titan1-164	BDL	0.24	BDL	0.79	BDL	0.05	BDL	0.15	BDL	0.8	BDL	0.12	BDL	0.47	BDL	0.11	BDL	0.35	BDL	0.09
4/25/2013 0:03	titan6	4	100	150	401	5578.364	Titan1-164	BDL	0.24	BDL	0.79	BDL	0.06	BDL	0.16	BDL	0.8	BDL	0.13	BDL	0.46	BDL	0.11	BDL	0.35	BDL	0.09
4/25/2013 0:04	titan6	5	100	150	401	5571.889	Titan1-164	BDL	0.23	BDL	0.79	BDL	0.06	BDL	0.14	BDL	0.8	BDL	0.04	BDL	0.46	BDL	0.03	BDL	0.3	BDL	0.09
4/25/2013 0:05	titan6	6	100	150	401	5547.464	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.06	BDL	0.21	BDL	0.8	BDL	0.04	BDL	0.46	BDL	0.1	BDL	0.3	BDL	0.09
4/25/2013 0:06	titan6	7	100	150	401	5532.317	Titan1-164	BDL	0.24	BDL	0.79	BDL	0.07	BDL	0.15	BDL	0.8	BDL	0.17	BDL	0.45	BDL	0.12	BDL	0.35	BDL	0.09
4/25/2013 0:07	titan6	8	100	150	401	5553.779	Titan1-164	BDL	0.25	BDL	0.8	BDL	0.07	BDL	0.16	BDL	0.8	BDL	0.05	BDL	0.45	BDL	0.12	BDL	0.28	BDL	0.1
4/25/2013 0:08	titan6	9	100	150	401	5567.416	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.07	BDL	0.18	BDL	0.8	BDL	0.05	BDL	0.45	BDL	0.16	BDL	0.31	BDL	0.1
4/25/2013 0:09	titan6	10	100	150	401	5548.62	Titan1-164	BDL	0.24	BDL	0.79	BDL	0.09	BDL	0.12	BDL	0.8	BDL	0.13	BDL	0.46	BDL	0.13	BDL	0.36	BDL	0.1
4/25/2013 0:10	titan6	11	100	150	401	5548.265	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.07	BDL	0.17	BDL	0.8	BDL	0.11	BDL	0.45	BDL	0.07	BDL	0.32	BDL	0.09
4/25/2013 0:11	titan6	12	100	150	401	5532.242	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.04	BDL	0.14	BDL	0.8	BDL	0.07	BDL	0.45	BDL	0.11	BDL	0.34	BDL	0.09
4/25/2013 0:12	titan6	13	100	150	401	5547.384	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.05	BDL	0.19	BDL	0.8	BDL	0.03	BDL	0.47	BDL	0.04	BDL	0.34	BDL	0.09
4/25/2013 0:13	titan6	14	100	150	401	5598.852	Titan1-164	BDL	0.26	BDL	0.79	BDL	0.07	BDL	0.2	BDL	0.8	BDL	0.1	BDL	0.46	BDL	0.04	BDL	0.3	BDL	0.09
4/25/2013 0:14	titan6	15	100	150	401	5579.761	Titan1-164	BDL	0.24	BDL	0.79	BDL	0.1	BDL	0.24	BDL	0.8	BDL	0.13	BDL	0.46	BDL	0.05	BDL	0.28	BDL	0.09
4/25/2013 0:15	titan6	16	100	150	401	5646.697	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.08	BDL	0.15	BDL	0.8	BDL	0.1	BDL	0.46	BDL	0.07	BDL	0.32	BDL	0.1
4/25/2013 0:16	titan6	17	100	150	401	5657.786	Titan1-164	BDL	0.26	BDL	0.78	BDL	0.04	BDL	0.21	BDL	0.8	BDL	0.11	BDL	0.45	BDL	0.04	BDL	0.33	BDL	0.1
4/25/2013 0:17	titan6	18	100	150	401	5677.977	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.08	BDL	0.27	BDL	0.8	BDL	0.04	BDL	0.45	BDL	0.05	BDL	0.32	BDL	0.11
4/25/2013 0:18	titan6	19	100	150	401	5637.178	Titan1-164	BDL	0.24	BDL	0.77	BDL	0.07	BDL	0.33	BDL	0.8	BDL	0.02	BDL	0.47	BDL	0.04	BDL	0.34	BDL	0.1
4/25/2013 0:20	titan6	20	100	150	401	5634.622	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.04	BDL	0.3	BDL	0.8	BDL	0.08	BDL	0.47	BDL	0.07	BDL	0.32	BDL	0.1
4/25/2013 0:21	titan6	21	100	150	401	5627.818	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.06	BDL	0.17	BDL	0.8	BDL	0.03	BDL	0.44	BDL	0.1	BDL	0.3	BDL	0.1
4/25/2013 0:22	titan6	22	100	150	401	5595.16	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.07	BDL	0.21	BDL	0.8	BDL	0.06	BDL	0.47	BDL	0.08	BDL	0.27	BDL	0.12
4/25/2013 0:23	titan6	23	100	150	401	5577.004	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.09	BDL	0.22	BDL	0.8	BDL	0.08	BDL	0.46	BDL	0.11	BDL	0.32	BDL	0.1
4/25/2013 0:24	titan6	24	100	150	401	5576.346	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.06	BDL	0.2	BDL	0.8	BDL	0.1	BDL	0.47	BDL	0.08	BDL	0.28	BDL	0.1
4/25/2013 0:25	titan6	25	100	150	401	5541.263	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.06	BDL	0.13	BDL	0.8	BDL	0.02	BDL	0.46	BDL	0.03	BDL	0.34	BDL	0.11
4/25/2013 0:26	titan6	26	100	150	401	5560.853	Titan1-164	BDL	0.26	BDL	0.78	BDL	0.06	BDL	0.21	BDL	0.8	BDL	0.09	BDL	0.46	BDL	0.08	BDL	0.32	BDL	0.1
4/25/2013 0:27	titan6	27	100	150	401	5621.802	Titan1-164	BDL	0.26	BDL	0.79	BDL	0.05	BDL	0.26	BDL	0.8	BDL	0.15	BDL	0.45	BDL	0.17	BDL	0.33	BDL	0.1
4/25/2013 0:28	titan6	28	100	150	401	5672.946	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.04	BDL	0.23	BDL	0.8	BDL	0.26	BDL	0.46	BDL	0.05	BDL	0.28	BDL	0.11
4/25/2013 0:29	titan6	29	100	150	401	5726.643	Titan1-164	BDL	0.24	BDL	0.79	BDL	0.06	BDL	0.28	BDL	0.8	BDL	0.2	BDL	0.45	BDL	0.09	BDL	0.34	BDL	0.1
4/25/2013 0:30	titan6	30	100	150	401	5727.583	Titan1-164	BDL	0.24	BDL	0.79	BDL	0.03	BDL	0.17	BDL	0.8	BDL	0.17	BDL	0.46	BDL	0.07	BDL	0.32	BDL	0.11
4/25/2013 0:31	titan6	31	100	150	401	5702.97	Titan1-164	BDL	0.26	BDL	0.79	BDL	0.04	BDL	0.16	BDL	0.8	BDL	0.15	BDL	0.43	BDL	0.04	BDL	0.35	BDL	0.1
4/25/2013 0:32	titan6	32	100	150	401	5681.081	Titan1-164	BDL	0.24	BDL	0.78	BDL	0.05	BDL	0.18	BDL	0.8	BDL	0.05	BDL	0.48	BDL	0.09	BDL	0.34	BDL	0.1
4/25/2013 0:33	titan6	33	100	150	401	5652.445	Titan1-164	BDL	0.27	BDL	0.78	BDL	0.04	BDL	0.18	BDL	0.8	BDL	0.1	BDL	0.44	BDL	0.05	BDL	0.34	BDL	0.11
4/25/2013 0:34	titan6	34	100	150	401	5646.672	Titan1-164	BDL	0.26	BDL	0.78	BDL	0.08	BDL	0.16	BDL	0.8	BDL	0.06	BDL	0.44	BDL	0.04	BDL	0.33	BDL	0.1
4/25/2013 0:35	titan6	35	100	150	401	5636.83	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.07	BDL	0.26	BDL	0.8	BDL	0.04	BDL	0.44	BDL	0.02	BDL	0.34	BDL	0.1
4/25/2013 0:36	titan6	36	100	150	401	5627.295	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.08	BDL	0.15	BDL	0.8	BDL	0.09	BDL	0.43	BDL	0.09	BDL	0.34	BDL	0.1
4/25/2013 0:37	titan6	37	100	150	401	5638.834	Titan1-164	BDL	0.24	BDL	0.78	BDL	0.05	BDL	0.2	BDL	0.8	BDL	0.1	BDL	0.43	BDL	0.05	BDL	0.34	BDL	0.1
4/25/2013 0:38	titan6	38	100	150	401	5625.583	Titan1-164	BDL	0.24	BDL	0.78	BDL	0.06	BDL	0.18	BDL	0.8	BDL	0.05	BDL	0.45	BDL	0.04	BDL	0.33	BDL	0.1
4/25/2013 0:39	titan6	39	100	150	401	5622.063	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.06	BDL	0.17	BDL	0.8	BDL	0.17	BDL	0.45	BDL	0.1	BDL	0.34	BDL	0.09
4/25/2013 0:40	titan6	40	100	150	401	5618.73	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.04	BDL	0.15	BDL	0.8	BDL	0.12	BDL	0.43	BDL	0.13	BDL	0.34	BDL	0.1
4/25/2013 0:41	titan6	41	100	150	401	5613.982	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.09	BDL	0.2	BDL	0.8	BDL	0.18	BDL	0.44	BDL	0.12	BDL	0.33	BDL	0.1
4/25/2013 0:42	titan6	42	100	150	401	5602.775	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.06	BDL	0.18	BDL	0.8	BDL	0.1	BDL	0.45	BDL	0.17	BDL	0.31	BDL	0.08
4/25/2013 0:43	titan6	43	100	150	401	5607.335	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.05	BDL	0.18	BDL	0.8	BDL	0.14	BDL	0.45	BDL	0.09	BDL	0.27	BDL	0.08
4/25/2013 0:44	titan6	44	100	150	401	5609.092	Titan1-164	BDL	0.23	BDL	0.78	BDL	0.04	BDL	0.22	BDL	0.8	BDL	0.16	BDL	0.44	BDL	0.09	BDL	0.32	BDL	0.09
4/25/2013 0:45	titan6	45	100	150	401	5632.24	Titan1-164	BDL	0.25	BDL	0.79	BDL	0.05	BDL	0.14	BDL	0.8	BDL	0.13	BDL	0.45	BDL	0.09	BDL	0.36	BDL	0.09
4/25/2013 0:46	titan6	46	100	150	401	5650.494	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.1	BDL	0.21	BDL	0.8	BDL	0.09	BDL	0.45	BDL	0.09	BDL	0.32	BDL	0.08
4/25/2013 0:47	titan6	47	100	150	401	5649.306	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.07	BDL	0.26	BDL	0.8	BDL	0.13	BDL	0.45	BDL	0.11	BDL	0.28	BDL	0.08
4/25/2013 0:48	titan6	48	100	150	401	5656.873	Titan1-164	BDL	0.24	BDL	0.78	BDL	0.05	BDL	0.24	BDL	0.8	BDL	0.11	BDL	0.47	BDL	0.07	BDL	0.3	BDL	0.1
4/25/2013 0:49	titan6	49	100	150	401	5651.258	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.08	BDL	0.25	BDL	0.8	BDL	0.05	BDL	0.45	BDL	0.08	BDL	0.32	BDL	0.09
4/25/2013 0:50	titan6	50	100	150	401	5671.572	Titan1-164	BDL	0.26	BDL	0.77	BDL	0.05	BDL	0.3	BDL	0.8	BDL	0.06	BDL	0.45	BDL	0.04	BDL	0.32	BDL	0.09
4/25/2013 0:51	titan6	51	100	150	401	5672.768	Titan1-164	BDL	0.24	BDL	0.77	BDL	0.08	BDL	0.19	BDL	0.8	BDL	0.05	BDL	0.44	BDL	0.08	BDL	0.31	BDL	0.08
4/25/2013 0:52	titan6	52	100	150	401	5646.712	Titan1-164	BDL	0.25	BDL	0.77	BDL	0.09	BDL	0.31	BDL	0.8	BDL	0.14	BDL	0.46	BDL	0.07	BDL	0.31	BDL	0.09
4/25/2013 0:53	titan6	53	100	150	401	5657.957	Titan1-164	BDL	0.23	BDL	0.78	BDL	0.05	BDL	0.07	BDL	0.8	BDL	0.05	BDL	0.46	BDL	0.05	BDL	0.32	BDL	0.09
4/25/2013 0:54	titan6	54	100	150	401	5659.205	Titan1-164	BDL	0.25	BDL	0.77	BDL	0.04	BDL	0.16	BDL	0.8	BDL	0.07	BDL	0.46	BDL	0.06	BDL	0.35	BDL	0.09
4/25/2013 0:56	titan6	55	100	150	401	5655.452	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.04	BDL	0.16	BDL	0.8	BDL	0.08	BDL	0.43	BDL	0.07	BDL	0.27	BDL	0.1
4/25/2013 0:57	titan6	56	100	150	401	5615.478	Titan1-164	BDL	0.24	BDL	0.77	BDL	0.02	BDL	0.09	BDL	0.8	BDL	0.1	BDL	0.45	BDL	0.08	BDL	0.28	BDL	0.1
4/25/2013 0:58	titan6	57	100	150	401	5620.994	Titan1-164	BDL	0.23	BDL	0.77	BDL	0.03	BDL	0.15	BDL	0.8	BDL	0.1	BDL	0.43	BDL	0.06	BDL	0.34	BDL	0.1
4/25/2013 0:59	titan6	58	100	150	401	5601.251	Titan1-164	BDL	0.24	BDL	0.77	BDL	0.08	BDL	0.28	BDL	0.8	BDL	0.13	BDL	0.43	BDL	0.08	BDL	0.33	BDL	0.09
4/25/2013 7:20	titan7	1	100	150	400	3128.107	Titan1-164	BDL	0.01	BDL	0.79	BDL	0.07	BDL	0.17	BDL	0.8	BDL	0.31	BDL	0.43	BDL	0.18	BDL	0.32	BDL	0.14
4/25/2013 7:21	titan7	2	100	150	401	3470.319	Titan1-164	BDL	0.06	BDL	0.78	BDL	0.21	BDL	0.14	BDL	0.8	BDL	0.16	BDL	0.39	BDL	0.22	BDL	0.3	BDL	0.15
4/25/2013 7:22	titan7	3	100	150	401	5503.516	Titan1-164	BDL	0.02	BDL	0.78	BDL	0.08	BDL	0.18	BDL	0.8	BDL	0.24	BDL	0.43	BDL	0.18	BDL	0.38	BDL	0.16
4/25/2013 7:23	titan7	4	100	150	401	5319.1	Titan1-164	BDL	0.09	BDL	0.78	BDL	0.07	BDL	0.12	BDL	0.8	BDL	0.1	BDL	0.43	BDL	0.03	BDL	0.35	BDL	0.13
4/25/2013 7:24	titan7	5	100	150	399	1072.211	Titan1-164	BDL	0.09	BDL	0.74	BDL	0.12	BDL	0.11	BDL	0.3	BDL	0.18	BDL	0.36	BDL	0.16	BDL	0.2	BDL	0.09
4/25/2013 7:25	titan7	6	100	150	397	5388.278	Titan1-164	BDL	0.16	BDL	0.76	BDL	0.2	BDL	0.09	BDL	0.8	BDL	0.05	BDL	0.44	BDL	0.03	BDL	0.38	BDL	0.1
4/25/2013 7:26	titan7	7	100	150	401	3609.506	Titan1-164	BDL	0.14	BDL	0.82	BDL	0.29	BDL	0.09	BDL	0.5	BDL	0.14	BDL	0.43	BDL	0.12	BDL	0.33	BDL	0.1
4/25/2013 7:27	titan7	8	100	150	400	4807.78	Titan1-164	BDL	0.1	BDL	0.81	BDL	0.26	BDL	0.12	BDL	0.6	BDL	0.04	BDL	0.43	BDL	0.15	BDL	0.38	BDL	0.12
4/25/2013 7:28	titan7	9	100	150	401	4131.838	Titan1-164	BDL	0.08	BDL	0.82	BDL	0.31	BDL	0.13	BDL	0.1	BDL	0.15	BDL	0.45	BDL	0.31	BDL	0.34	BDL	0.1
4/25/2013 7:29	titan7	10	100	150	401	3798.182	Titan1-164	BDL	0.22	BDL	0.79	BDL	0.3	BDL	0.05	BDL	0.7	BDL	0.11	BDL	0.44	BDL	0.31	BDL	0.34	BDL	0.09
4/25/2013 7:30	titan7	11	100	150	401	4100.86	Titan1-164	BDL	0.21	BDL	0.76	BDL	0.16	BDL	0.18	BDL	0.9	BDL	0.21	BDL	0.46	BDL	0.15	BDL	0.34	BDL	0.1
4/25/2013 7:31	titan7	12	100	150	401	4315.541	Titan1-164	BDL	0.2	BDL	0.82	BDL	0.31	BDL	0.12	BDL	0.2	BDL	0.11	BDL	0.45	BDL	0.18	BDL	0.36	BDL	0.1
4/25/2013 7:32	titan7	13	100	150	398	4364.336	Titan1-164	BDL	0.18	BDL	0.79	BDL	0.27	BDL	0.11	BDL	0.7	BDL	0.07	BDL	0.46	BDL	0.15	BDL	0.36	BDL	0.09
4/25/2013 7:33	titan7	14	100	150	401	4483.89	Titan1-164	BDL	0.18	BDL	0.81	BDL	0.28	BDL	0.14	BDL	0.4	BDL	0.12	BDL	0.43	BDL	0.18	BDL	0.36	BDL	0.09
4/25/2013 7:34	titan7	15	100	150	401	4358.056	Titan1-164	BDL	0.17	BDL	0.79	BDL	0.27	BDL	0.07	BDL	0.7	BDL	0.13	BDL	0.45	BDL	0.17	BDL	0.34	BDL	0.1
4/25/2013 7:35	titan7	16	100	150	401	4301.657	Titan1-164	BDL	0.22	BDL	0.78	BDL	0.2	BDL	0.22	BDL	0.8	BDL	0.08	BDL	0.43	BDL	0.13	BDL	0.35	BDL	0.1
4/25/2013 7:36	titan7	17	100	150	401	4385.879	Titan1-164	BDL	0.2	BDL	0.76	BDL	0.17	BDL	0.17	BDL	0.9	BDL	0.13	BDL	0.44	BDL	0.31	BDL	0.33	BDL	0.1
4/25/2013 7:37	titan7	18	100	150	401	2201.146	Titan1-164	BDL	0.15	BDL	0.76	BDL	0.04	BDL	0.09	BDL	0.9	BDL	0.09	BDL	0.4	BDL	0.29	BDL	0.26	BDL	0.09
4/25/2013 7:38	titan7	19	100	150	401	3851.209	Titan1-164	BDL	0.14	BDL	0.76	BDL	0.11	BDL	0.06	BDL	0.9	BDL	0.16	BDL	0.45	BDL	0.29	BDL	0.3	BDL	0.12
4/25/2013 7:39	titan7	20	100	150	401	838.2328	Titan1-164	BDL	0.08	BDL	0.6	BDL	0.04	BDL	0.13	BDL	0.6	BDL	0.22	BDL	0.35	BDL	0.21	BDL	0.17	BDL	0.11
4/25/2013 7:40	titan7	21	100	150	401	3378.665	Titan1-164	BDL	0.09	BDL	0.76	BDL	0.27	BDL	0.13	BDL	0.8	BDL	0.09	BDL	0.46	BDL	0.32	BDL	0.28	BDL	0.11
4/25/2013 7:41	titan7	22	100	150	401	4162.673	Titan1-164	BDL	0.07	BDL	0.72	BDL	0.46	BDL	0.1	BDL	0.7	BDL	0.13	BDL	0.44	BDL	0.44	BDL	0.26	BDL	0.14
4/25/2013 7:42	titan7	23	100	150	401	4623.397	Titan1-164	BDL	0.08	BDL	0.74	BDL	0.36	BDL	0.16	BDL	0	BDL	0.11	BDL	0.45	BDL	0.36	BDL	0.32	BDL	0.14
4/25/2013 7:44	titan7	24	100	150	401	4770.635	Titan1-164	BDL	0.05	BDL	0.79	BDL	0.3	BDL	0.16	BDL	0.3	BDL	0.19	BDL	0.44	BDL	0.27	BDL	0.34	BDL	0.11
4/25/2013 7:45	titan7	25	100	150	401	4833.936	Titan1-164	BDL	0.04	BDL	0.8	BDL	0.3	BDL	0.14	BDL	0.1	BDL	0.05	BDL	0.48	BDL	0.28	BDL	0.34	BDL	0.14
4/25/2013 7:46	titan7	26	100	150	401	4820.622	Titan1-164	BDL	0.18	BDL	0.79	BDL	0.31	BDL	0.14	BDL	0.1	BDL	0.12	BDL	0.44	BDL	0.31	BDL	0.33	BDL	0.13
4/25/2013 7:47	titan7	27	100	150	401	4871.551	Titan1-164	BDL	0.26	BDL	0.78	BDL	0.3	BDL	0.09	BDL	0.3	BDL	0.14	BDL	0.38	BDL	0.39	BDL	0.34	BDL	0.1
4/25/2013 7:48	titan7	28	100	150	401	4733.798	Titan1-164	BDL	0.25	BDL	0.78	BDL	0.31	BDL	0.08	BDL	0.2	BDL	0.06	BDL	0.22	BDL	0.38	BDL	0.35	BDL	0.08
4/25/2013 7:49	titan7	29	100	150	401	4986.612	Titan1-164	BDL	0.28	BDL	0.78	BDL	0.29	BDL	0.09	BDL	0.4	BDL	0.13	BDL	0.35	BDL	0.31	BDL	0.33	BDL	0.12
4/25/2013 7:50	titan7	30	100	150	401	5097.194	Titan1-164	BDL	0.26	BDL	0.8	BDL	0.32	BDL	0.14	BDL	0.1	BDL	0.12	BDL	0.33	BDL	0.43	BDL	0.33	BDL	0.11
4/25/2013 7:51	titan7	31	100	150	401	5117.351	Titan1-164	BDL	0.28	BDL	0.81	BDL	0.31	BDL	0.08	BDL	0.1	BDL	0.08	BDL	0.03	BDL	0.45	BDL	0.36	BDL	0.05
4/25/2013 7:52	titan7	32	100	150	401	5133.787	Titan1-164	BDL	0.27	BDL	0.8	BDL	0.29	BDL	0.09	BDL	0.2	BDL	0.03	BDL	0.16	BDL	0.36	BDL	0.37	BDL	0.06
4/25/2013 7:53	titan7	33	100	150	401	5127.204	Titan1-164	BDL	0.31	BDL	0.79	BDL	0.3	BDL	0.14	BDL	0.5	BDL	0.09	BDL	0.39	BDL	0.46	BDL	0.38	BDL	0.17
4/25/2013 7:54	titan7	34	100	150	401	5148.29	Titan1-164	BDL	0.27	BDL	0.81	BDL	0.29	BDL	0.14	BDL	0.3	BDL	0.1	BDL	0.42	BDL	0.25	BDL	0.38	BDL	0.14
4/25/2013 7:55	titan7	35	100	150	401	5114.952	Titan1-164	BDL	0.23	BDL	0.81	BDL	0.3	BDL	0.1	BDL	0.2	BDL	0.08	BDL	0.42	BDL	0.34	BDL	0.37	BDL	0.15
4/25/2013 7:56	titan7	36	100	150	401	5105.759	Titan1-164	BDL	0.15	BDL	0.83	BDL	0.3	BDL	0.16	BDL	0.1	BDL	0.13	BDL	0.44	BDL	0.36	BDL	0.38	BDL	0.13
4/25/2013 7:57	titan7	37	100	150	400	5066.189	Titan1-164	BDL	0.1	BDL	0.79	BDL	0.28	BDL	0.12	BDL	0.7	BDL	0.14	BDL	0.39	BDL	0.14	BDL	0.39	BDL	0.1
4/25/2013 7:58	titan7	38	100	150	398	5233.432	Titan1-164	BDL	0.09	BDL	0.82	BDL	0.29	BDL	0.1	BDL	0.3	BDL	0.06	BDL	0.44	BDL	0.31	BDL	0.4	BDL	0.11
4/25/2013 7:59	titan7	39	100	150	400	5299.668	Titan1-164	BDL	0.03	BDL	0.8	BDL	0.29	BDL	0.11	BDL	0.6	BDL	0.04	BDL	0.44	BDL	0.28	BDL	0.39	BDL	0.1
4/25/2013 8:00	titan7	40	100	150	401	5319.246	Titan1-164	BDL	0.1	BDL	0.8	BDL	0.25	BDL	0.12	BDL	0.7	BDL	0.04	BDL	0.43	BDL	0.21	BDL	0.39	BDL	0.09
4/25/2013 8:01	titan7	41	100	150	397	5345.42	Titan1-164	BDL	0.11	BDL	0.81	BDL	0.25	BDL	0.11	BDL	0.6	BDL	0.05	BDL	0.43	BDL	0.23	BDL	0.41	BDL	0.11
4/25/2013 8:02	titan7	42	100	150	397	5326.325	Titan1-164	BDL	0.14	BDL	0.81	BDL	0.26	BDL	0.13	BDL	0.6	BDL	0.08	BDL	0.43	BDL	0.23	BDL	0.35	BDL	0.11
4/25/2013 8:03	titan7	43	100	150	401	5275.067	Titan1-164	BDL	0.16	BDL	0.83	BDL	0.3	BDL	0.04	BDL	0.3	BDL	0.06	BDL	0.45	BDL	0.14	BDL	0.4	BDL	0.08
4/25/2013 8:04	titan7	44	100	150	397	5351.484	Titan1-164	BDL	0.19	BDL	0.83	BDL	0.28	BDL	0.07	BDL	0.5	BDL	0.07	BDL	0.42	BDL	0.06	BDL	0.41	BDL	0.09
4/25/2013 8:05	titan7	45	100	150	399	5378.152	Titan1-164	BDL	0.12	BDL	0.83	BDL	0.3	BDL	0.1	BDL	0.1	BDL	0.08	BDL	0.44	BDL	0.14	BDL	0.37	BDL	0.1
4/25/2013 8:06	titan7	46	100	150	401	5422.592	Titan1-164	BDL	0.16	BDL	0.83	BDL	0.31	BDL	0.19	BDL	0	BDL	0.24	BDL	0.44	BDL	0.16	BDL	0.38	BDL	0.13
4/25/2013 8:07	titan7	47	100	150	401	5516.32	Titan1-164	BDL	0.15	BDL	0.81	BDL	0.25	BDL	0.15	BDL	0.7	BDL	0.17	BDL	0.43	BDL	0.14	BDL	0.37	BDL	0.11
4/25/2013 8:08	titan7	48	100	150	399	5552.066	Titan1-164	BDL	0.15	BDL	0.81	BDL	0.08	BDL	0.1	BDL	0.8	BDL	0.13	BDL	0.43	BDL	0.27	BDL	0.4	BDL	0.1
4/25/2013 8:09	titan7	49	100	150	397	5545.128	Titan1-164	BDL	0.16	BDL	0.81	BDL	0.07	BDL	0.13	BDL	0.8	BDL	0.12	BDL	0.45	BDL	0.19	BDL	0.42	BDL	0.1
4/25/2013 8:10	titan7	50	100	150	397	5574.606	Titan1-164	BDL	0.13	BDL	0.81	BDL	0.14	BDL	0.1	BDL	0.8	BDL	0.24	BDL	0.42	BDL	0.14	BDL	0.42	BDL	0.11
4/25/2013 8:11	titan7	51	100	150	397	5565.292	Titan1-164	BDL	0.11	BDL	0.83	BDL	0.27	BDL	0.05	BDL	0.7	BDL	0.17	BDL	0.42	BDL	0.23	BDL	0.37	BDL	0.11
4/25/2013 8:12	titan7	52	100	150	398	5656.177	Titan1-164	BDL	0.12	BDL	0.83	BDL	0.45	BDL	0.17	BDL	0	BDL	0.1	BDL	0.44	BDL	0.21	BDL	0.41	BDL	0.12
4/25/2013 8:13	titan7	53	100	150	397	5713.45	Titan1-164	BDL	0.03	BDL	0.84	BDL	0.33	BDL	0.1	BDL	0.1	BDL	0.18	BDL	0.42	BDL	0.24	BDL	0.4	BDL	0.13
4/25/2013 8:14	titan7	54	100	150	401	5670.377	Titan1-164	BDL	0.17	BDL	0.83	BDL	0.41	BDL	0.1	BDL	0.5	BDL	0.05	BDL	0.44	BDL	0.15	BDL	0.41	BDL	0.11
4/25/2013 8:15	titan7	55	100	150	399	5354.631	Titan1-164	BDL	0.2	BDL	0.83	BDL	0.45	BDL	0.11	BDL	0.2	BDL	0.09	BDL	0.45	BDL	0.2	BDL	0.4	BDL	0.1
4/25/2013 8:16	titan7	56	100	150	397	5737.307	Titan1-164	BDL	0.2	BDL	0.84	BDL	0.53	BDL	0.08	BDL	0.2	BDL	0.17	BDL	0.44	BDL	0.3	BDL	0.42	BDL	0.11
4/25/2013 8:17	titan7	57	100	150	400	5791.02	Titan1-164	BDL	0.11	BDL	0.83	BDL	0.24	BDL	0.06	BDL	0.7	BDL	0.06	BDL	0.44	BDL	0.16	BDL	0.42	BDL	0.1
4/25/2013 8:19	titan7	58	100	150	397	5753.151	Titan1-164	BDL	0.18	BDL	0.81	BDL	0.36	BDL	0.13	BDL	0	BDL	0.19	BDL	0.47	BDL	0.09	BDL	0.4	BDL	0.09
4/25/2013 8:20	titan7	59	100	150	397	5811.815	Titan1-164	BDL	0.13	BDL	0.83	BDL	0.3	BDL	0.17	BDL	0.5	BDL	0.1	BDL	0.46	BDL	0.19	BDL	0.42	BDL	0.1
4/25/2013 8:21	titan7	60	100	150	400	5793.159	Titan1-164	BDL	0.16	BDL	0.83	BDL	0.42	BDL	0.15	BDL	0.4	BDL	0.1	BDL	0.45	BDL	0.22	BDL	0.43	BDL	0.11
4/25/2013 8:22	titan7	61	100	150	397	1974.146	Titan1-164	BDL	0.03	BDL	0.84	BDL	0.32	BDL	0.09	BDL	0.2	BDL	0.16	BDL	0.41	BDL	0.21	BDL	0.27	BDL	0.13
4/25/2013 8:23	titan7	62	100	150	399	1925.381	Titan1-164	BDL	0.06	BDL	0.84	BDL	0.45	BDL	0.05	BDL	0	BDL	0.14	BDL	0.39	BDL	0.28	BDL	0.26	BDL	0.12

Sample Date/Time	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
Maximum:	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/24/2013 23:49	BDL	0.02	BDL	0.06	BDL	0.12	BDL	0.54	0.016599	0.58	BDL	0.19	BDL	0.13	BDL	0.01	BDL	0.07	BDL	0.66	BDL	0.52	BDL	0.3
4/24/2013 23:50	BDL	0.01	BDL	0.07	BDL	0.12	BDL	0.54	0.017667	0.58	BDL	0.14	BDL	0.11	BDL	0.17	BDL	0.13	BDL	0.66	BDL	0.46	BDL	0.38
4/24/2013 23:51	BDL	0.05	BDL	0.03	BDL	0.19	BDL	0.54	0.017062	0.6	BDL	0.18	BDL	0.11	BDL	0.01	BDL	0.13	BDL	0.66	BDL	0.65	BDL	0.33
4/24/2013 23:52	BDL	0.04	BDL	0.04	BDL	0.15	BDL	0.54	0.018649	0.64	BDL	0.18	BDL	0.13	BDL	0.02	BDL	0.1	BDL	0.67	BDL	0.38	BDL	0.35
4/24/2013 23:53	BDL	0.04	BDL	0.04	BDL	0.15	BDL	0.55	0.018011	0.67	BDL	0.18	BDL	0.07	BDL	0.08	BDL	0.11	BDL	0.66	BDL	0.37	BDL	0.4
4/24/2013 23:54	BDL	0.05	BDL	0.04	BDL	0.12	BDL	0.54	0.017213	0.61	BDL	0.15	BDL	0.19	BDL	0.01	BDL	0.2	BDL	0.64	BDL	0.19	BDL	0.35
4/24/2013 23:55	BDL	0.04	BDL	0.04	BDL	0.11	BDL	0.54	0.015672	0.55	BDL	0.18	BDL	0.2	BDL	0.05	BDL	0.13	BDL	0.62	BDL	0.53	BDL	0.36
4/24/2013 23:56	BDL	0.03	BDL	0.03	BDL	0.07	BDL	0.55	0.01477	0.59	BDL	0.13	BDL	0.07	BDL	0.01	BDL	0.05	BDL	0.59	BDL	0.4	BDL	0.22
4/24/2013 23:57	BDL	0.03	BDL	0.09	BDL	0.05	BDL	0.54	0.014047	0.59	BDL	0.14	BDL	0.06	BDL	0.07	BDL	0.14	BDL	0.53	BDL	0.49	BDL	0.29
4/24/2013 23:58	BDL	0.03	BDL	0.05	BDL	0.06	BDL	0.55	0.012745	0.54	BDL	0.12	BDL	0.04	BDL	0.03	BDL	0.04	BDL	0.52	BDL	0.26	BDL	0.34
4/24/2013 23:59	BDL	0.02	BDL	0.04	BDL	0.05	BDL	0.53	0.014184	0.5	BDL	0.17	BDL	0.17	BDL	0.11	BDL	0.14	BDL	0.55	BDL	0.6	BDL	0.27
4/25/2013 0:00	BDL	0.03	BDL	0.03	BDL	0.04	BDL	0.53	0.014235	0.53	BDL	0.17	BDL	0.17	BDL	0.03	BDL	0.12	BDL	0.58	BDL	0.6	BDL	0.32
4/25/2013 0:01	BDL	0.02	BDL	0.07	BDL	0.04	BDL	0.54	0.014495	0.54	BDL	0.13	BDL	0.13	BDL	0.03	BDL	0.12	BDL	0.61	BDL	0.3	BDL	0.36
4/25/2013 0:02	BDL	0.06	BDL	0.04	BDL	0.04	BDL	0.53	0.014706	0.54	BDL	0.2	BDL	0.19	BDL	0.08	BDL	0.11	BDL	0.62	BDL	0.21	BDL	0.31
4/25/2013 0:03	BDL	0.03	BDL	0.06	BDL	0.1	BDL	0.54	0.015565	0.59	BDL	0.17	BDL	0.14	BDL	0.02	BDL	0.06	BDL	0.64	BDL	0.49	BDL	0.38
4/25/2013 0:04	BDL	0.03	BDL	0.06	BDL	0.14	BDL	0.53	0.016517	0.62	BDL	0.18	BDL	0.1	BDL	0.02	BDL	0.09	BDL	0.64	BDL	0.47	BDL	0.36
4/25/2013 0:05	BDL	0.03	BDL	0.05	BDL	0.17	BDL	0.53	0.01793	0.65	BDL	0.16	BDL	0.17	BDL	0.02	BDL	0.1	BDL	0.65	BDL	0.48	BDL	0.37
4/25/2013 0:06	BDL	0.02	BDL	0.04	BDL	0.15	BDL	0.54	0.018887	0.66	BDL	0.18	BDL	0.15	BDL	0.02	BDL	0.1	BDL	0.66	BDL	0.34	BDL	0.34
4/25/2013 0:07	BDL	0.02	BDL	0.04	BDL	0.11	BDL	0.53	0.017236	0.65	BDL	0.16	BDL	0.16	BDL	0.03	BDL	0.16	BDL	0.65	BDL	0.56	BDL	0.38
4/25/2013 0:08	BDL	0.03	BDL	0.04	BDL	0.15	BDL	0.53	0.017093	0.63	BDL	0.16	BDL	0.13	BDL	0.02	BDL	0.1	BDL	0.63	BDL	0.17	BDL	0.39
4/25/2013 0:09	BDL	0.02	BDL	0.08	BDL	0.12	BDL	0.53	0.017864	0.64	BDL	0.17	BDL	0.21	BDL	0.06	BDL	0.14	BDL	0.63	BDL	0.28	BDL	0.29
4/25/2013 0:10	BDL	0.02	BDL	0.05	BDL	0.13	BDL	0.54	0.016937	0.61	BDL	0.15	BDL	0.15	BDL	0.06	BDL	0.11	BDL	0.64	BDL	0.39	BDL	0.27
4/25/2013 0:11	BDL	0.03	BDL	0.05	BDL	0.13	BDL	0.53	0.016718	0.6	BDL	0.19	BDL	0.11	BDL	0.04	BDL	0.11	BDL	0.64	BDL	0.32	BDL	0.32
4/25/2013 0:12	BDL	0.02	BDL	0.06	BDL	0.08	BDL	0.55	0.017355	0.58	BDL	0.15	BDL	0.16	BDL	0.03	BDL	0.15	BDL	0.62	BDL	0.4	BDL	0.26
4/25/2013 0:13	BDL	0.04	BDL	0.07	BDL	0.05	BDL	0.55	0.015252	0.58	BDL	0.16	BDL	0.1	BDL	0.04	BDL	0.12	BDL	0.6	BDL	0.48	BDL	0.29
4/25/2013 0:14	BDL	0.03	BDL	0.06	BDL	0.03	BDL	0.54	0.016727	0.55	BDL	0.16	BDL	0.23	BDL	0.03	BDL	0.16	BDL	0.61	BDL	0.45	BDL	0.29
4/25/2013 0:15	BDL	0.04	BDL	0.09	BDL	0.08	BDL	0.53	0.015152	0.54	BDL	0.14	BDL	0.18	BDL	0.01	BDL	0.14	BDL	0.56	BDL	0.47	BDL	0.2
4/25/2013 0:16	BDL	0.04	BDL	0.07	BDL	0.08	BDL	0.53	0.014142	0.57	BDL	0.15	BDL	0.21	BDL	0.04	BDL	0.1	BDL	0.54	BDL	0.45	BDL	0.22
4/25/2013 0:17	BDL	0.02	BDL	0.07	BDL	0.1	BDL	0.53	0.012272	0.48	BDL	0.17	BDL	0.19	BDL	0.03	BDL	0.21	BDL	0.49	BDL	0.29	BDL	0.22
4/25/2013 0:18	BDL	0.01	BDL	0.03	BDL	0.04	BDL	0.53	0.012662	0.47	BDL	0.15	BDL	0.15	BDL	0.15	BDL	0.06	BDL	0.55	BDL	0.35	BDL	0.22
4/25/2013 0:20	BDL	0.03	BDL	0.05	BDL	0.08	BDL	0.55	0.013204	0.5	BDL	0.14	BDL	0.31	BDL	0.01	BDL	0.14	BDL	0.54	BDL	0.28	BDL	0.2
4/25/2013 0:21	BDL	0.03	BDL	0.11	BDL	0.04	BDL	0.54	0.012815	0.51	BDL	0.16	BDL	0.11	BDL	0.09	BDL	0.09	BDL	0.56	BDL	0.42	BDL	0.28
4/25/2013 0:22	BDL	0.03	BDL	0.09	BDL	0.03	BDL	0.56	0.013513	0.53	BDL	0.16	BDL	0.12	BDL	0.08	BDL	0.11	BDL	0.58	BDL	0.14	BDL	0.33
4/25/2013 0:23	BDL	0.04	BDL	0.03	BDL	0.02	BDL	0.55	0.014861	0.53	BDL	0.2	BDL	0.28	BDL	0.14	BDL	0.09	BDL	0.6	BDL	0.39	BDL	0.31
4/25/2013 0:24	BDL	0.03	BDL	0.07	BDL	0.02	BDL	0.53	0.016025	0.59	BDL	0.17	BDL	0.31	BDL	0.05	BDL	0.09	BDL	0.6	BDL	0.12	BDL	0.33
4/25/2013 0:25	BDL	0.01	BDL	0.09	BDL	0.16	BDL	0.54	0.015197	0.56	BDL	0.18	BDL	0.23	BDL	0.07	BDL	0.12	BDL	0.61	BDL	0.48	BDL	0.33
4/25/2013 0:26	BDL	0.05	BDL	0.05	BDL	0.13	BDL	0.55	0.016036	0.56	BDL	0.17	BDL	0.18	BDL	0.03	BDL	0.11	BDL	0.6	BDL	0.23	BDL	0.3
4/25/2013 0:27	BDL	0.02	BDL	0.13	BDL	0.12	BDL	0.54	0.014969	0.6	BDL	0.16	BDL	0.13	BDL	0.12	BDL	0.11	BDL	0.57	BDL	0.72	BDL	0.33
4/25/2013 0:28	BDL	0.03	BDL	0.09	BDL	0.05	BDL	0.54	0.01369	0.52	BDL	0.12	BDL	0.14	BDL	0.08	BDL	0.1	BDL	0.53	BDL	0.23	BDL	0.36
4/25/2013 0:29	BDL	0.02	BDL	0.07	BDL	0.05	BDL	0.55	0.012756	0.51	BDL	0.12	BDL	0.14	BDL	0.2	BDL	0.1	BDL	0.41	BDL	0.33	BDL	0.19
4/25/2013 0:30	BDL	0.03	BDL	0.02	BDL	0.09	BDL	0.54	0.010939	0.39	BDL	0.15	BDL	0.1	BDL	0.11	BDL	0.01	BDL	0.36	BDL	0.28	BDL	0.22
4/25/2013 0:31	BDL	0.03	BDL	0.04	BDL	0.09	BDL	0.53	0.011718	0.52	BDL	0.16	BDL	0.08	BDL	0.05	BDL	0.11	BDL	0.43	BDL	0.38	BDL	0.24
4/25/2013 0:32	BDL	0.02	BDL	0.1	BDL	0.06	BDL	0.54	0.01231	0.48	BDL	0.13	BDL	0.15	BDL	0.14	BDL	0.07	BDL	0.46	BDL	0.47	BDL	0.33
4/25/2013 0:33	BDL	0.02	BDL	0.1	BDL	0.02	BDL	0.53	0.01362	0.54	BDL	0.17	BDL	0.1	BDL	0.06	BDL	0.08	BDL	0.5	BDL	0.29	BDL	0.37
4/25/2013 0:34	BDL	0.05	BDL	0.05	BDL	0.04	BDL	0.53	0.012625	0.54	BDL	0.14	BDL	0.04	BDL	0.11	BDL	0.08	BDL	0.53	BDL	0.5	BDL	0.29
4/25/2013 0:35	BDL	0.02	BDL	0.06	BDL	0.02	BDL	0.55	0.013462	0.51	BDL	0.11	BDL	0.12	BDL	0.16	BDL	0.06	BDL	0.52	BDL	0.41	BDL	0.31
4/25/2013 0:36	BDL	0.04	BDL	0.01	BDL	0.03	BDL	0.53	0.01393	0.53	BDL	0.17	BDL	0.05	BDL	0.14	BDL	0.11	BDL	0.53	BDL	0.37	BDL	0.35
4/25/2013 0:37	BDL	0.01	BDL	0.05	BDL	0.06	BDL	0.52	0.014638	0.55	BDL	0.15	BDL	0.13	BDL	0.11	BDL	0.07	BDL	0.55	BDL	0.52	BDL	0.31
4/25/2013 0:38	BDL	0.03	BDL	0.13	BDL	0.04	BDL	0.54	0.014237	0.55	BDL	0.17	BDL	0.26	BDL	0.08	BDL	0.11	BDL	0.56	BDL	0.59	BDL	0.31
4/25/2013 0:39	BDL	0.02	BDL	0.05	BDL	0.02	BDL	0.54	0.015455	0.55	BDL	0.19	BDL	0.11	BDL	0.04	BDL	0.04	BDL	0.57	BDL	0.16	BDL	0.35
4/25/2013 0:40	BDL	0.01	BDL	0.04	BDL	0.03	BDL	0.53	0.014752	0.56	BDL	0.17	BDL	0.08	BDL	0.06	BDL	0.11	BDL	0.58	BDL	0.34	BDL	0.37
4/25/2013 0:41	BDL	0.02	BDL	0.06	BDL	0.06	BDL	0.54	0.014589	0.54	BDL	0.14	BDL	0.05	BDL	0.1	BDL	0.1	BDL	0.59	BDL	0.43	BDL	0.35
4/25/2013 0:42	BDL	0.02	BDL	0.05	BDL	0.09	BDL	0.53	0.017083	0.61	BDL	0.19	BDL	0.09	BDL	0.11	BDL	0.12	BDL	0.6	BDL	0.28	BDL	0.4
4/25/2013 0:43	BDL	0.02	BDL	0.03	BDL	0.05	BDL	0.54	0.016183	0.59	BDL	0.16	BDL	0.08	BDL	0.07	BDL	0.12	BDL	0.59	BDL	0.36	BDL	0.33
4/25/2013 0:44	BDL	0.02	BDL	0.08	BDL	0.08	BDL	0.53	0.015794	0.55	BDL	0.16	BDL	0.15	BDL	0.05	BDL	0.15	BDL	0.6	BDL	0.11	BDL	0.29
4/25/2013 0:45	BDL	0.01	BDL	0.12	BDL	0.06	BDL	0.54	0.016261	0.61	BDL	0.15	BDL	0.16	BDL	0.05	BDL	0.09	BDL	0.58	BDL	0.16	BDL	0.27
4/25/2013 0:46	BDL	0.02	BDL	0.05	BDL	0.02	BDL	0.53	0.01424	0.52	BDL	0.17	BDL	0.16	BDL	0.06	BDL	0.18	BDL	0.56	BDL	0.36	BDL	0.31
4/25/2013 0:47	BDL	0.02	BDL	0.04	BDL	0.08	BDL	0.54	0.012577	0.51	BDL	0.14	BDL	0.09	BDL	0.11	BDL	0.15	BDL	0.54	BDL	0.48	BDL	0.22
4/25/2013 0:48	BDL	0.03	BDL	0.03	BDL	0.05	BDL	0.53	0.012191	0.48	BDL	0.12	BDL	0.23	BDL	0.01	BDL	0.1	BDL	0.53	BDL	0.57	BDL	0.22
4/25/2013 0:49	BDL	0.02	BDL	0.13	BDL	0.07	BDL	0.53	0.013163	0.55	BDL	0.16	BDL	0.23	BDL	0.07	BDL	0.09	BDL	0.53	BDL	0.38	BDL	0.23
4/25/2013 0:50	BDL	0.01	BDL	0.09	BDL	0.08	BDL	0.54	0.012195	0.46	BDL	0.15	BDL	0.09	BDL	0.15	BDL	0.04	BDL	0.49	BDL	0.23	BDL	0.18
4/25/2013 0:51	BDL	0.01	BDL	0.15	BDL	0.07	BDL	0.53	0.011613	0.49	BDL	0.12	BDL	0.14	BDL	0.11	BDL	0.09	BDL	0.47	BDL	0.33	BDL	0.19
4/25/2013 0:52	BDL	0.01	BDL	0.06	BDL	0.08	BDL	0.54	0.011648	0.41	BDL	0.16	BDL	0.14	BDL	0.19	BDL	0.08	BDL	0.51	BDL	0.4	BDL	0.32
4/25/2013 0:53	BDL	0.01	BDL	0.1	BDL	0.08	BDL	0.52	0.01197	0.51	BDL	0.2	BDL	0.33	BDL	0.13	BDL	0.07	BDL	0.48	BDL	0.35	BDL	0.27
4/25/2013 0:54	BDL	0.01	BDL	0.05	BDL	0.08	BDL	0.53	0.012348	0.51	BDL	0.15	BDL	0.08	BDL	0.16	BDL	0.03	BDL	0.44	BDL	0.59	BDL	0.22
4/25/2013 0:56	BDL	0.05	BDL	0.04	BDL	0.09	BDL	0.54	0.011155	0.5	BDL	0.12	BDL	0.22	BDL	0.2	BDL	0.09	BDL	0.44	BDL	0.47	BDL	0.2
4/25/2013 0:57	BDL	0.04	BDL	0.06	BDL	0.06	BDL	0.52	0.012605	0.49	BDL	0.13	BDL	0.11	BDL	0.14	BDL	0.14	BDL	0.47	BDL	0.46	BDL	0.18
4/25/2013 0:58	BDL	0.02	BDL	0.06	BDL	0.09	BDL	0.56	0.012001	0.45	BDL	0.09	BDL	0.1	BDL	0.14	BDL	0.02	BDL	0.41	BDL	0.17	BDL	0.17
4/25/2013 0:59	BDL	0.02	BDL	0.05	BDL	0.08	BDL	0.55	0.009994	0.41	BDL	0.1	BDL	0.2	BDL	0.13	BDL	0.06	BDL	0.44	BDL	0.57	BDL	0.32
4/25/2013 7:20	BDL	0.06	0.004725	0.22	BDL	0.05	BDL	0.6	0.008128	0.24	BDL	0.02	BDL	0.11	BDL	0.07	BDL	0.04	BDL	0.07	BDL	0.52	BDL	0.05
4/25/2013 7:21	BDL	0.04	0.01362	0.68	BDL	0.11	BDL	0.56	0.006441	0.19	BDL	0.01	BDL	0.07	BDL	0.24	BDL	0.08	BDL	0.18	BDL	0.26	BDL	0.12
4/25/2013 7:22	BDL	0.03	0.005625	0.49	BDL	0.13	BDL	0.58	0.00795	0.32	BDL	0.09	BDL	0.05	BDL	0.14	BDL	0.06	BDL	0.24	BDL	0.46	BDL	0.06
4/25/2013 7:23	BDL	0.05	0.003629	0.2	BDL	0.06	BDL	0.57	0.011495	0.43	BDL	0.15	BDL	0.11	BDL	0.16	BDL	0.06	BDL	0.55	BDL	0.33	BDL	0.12
4/25/2013 7:24	BDL	0.22	0.01488	0.34	BDL	0.07	BDL	0.57	0.005735	0.04	BDL	0	BDL	0.07	BDL	0.11	BDL	0.13	BDL	0.29	BDL	0.29	BDL	0.05
4/25/2013 7:25	BDL	0.02	0.010451	0.72	BDL	0.07	BDL	0.57	0.012898	0.51	BDL	0.18	BDL	0.19	BDL	0.22	BDL	0.12	BDL	0.66	BDL	0.41	BDL	0.22
4/25/2013 7:26	BDL	0.05	0.078383	0.95	BDL	0.11	BDL	0.57	0.011716	0.43	BDL	0.16	BDL	0.14	BDL	0.14	BDL	0.04	BDL	0.6	BDL	0.5	BDL	0.19
4/25/2013 7:27	BDL	0.03	0.0657	0.95	BDL	0.12	BDL	0.6	0.010626	0.38	BDL	0.1	BDL	0.06	BDL	0.16	BDL	0.02	BDL	0.17	BDL	0.33	BDL	0.1
4/25/2013 7:28	BDL	0.01	0.170223	0.97	BDL	0.15	BDL	0.57	0.011076	0.38	BDL	0.1	BDL	0.09	BDL	0.1	BDL	0.04	BDL	0.33	BDL	0.43	BDL	0.19
4/25/2013 7:29	BDL	0.04	0.05319	0.93	BDL	0.04	BDL	0.58	0.014234	0.48	BDL	0.13	BDL	0.02	BDL	0.08	BDL	0.05	BDL	0.05	BDL	0.4	BDL	0.21
4/25/2013 7:30	BDL	0.04	0.011393	0.56	BDL	0.18	BDL	0.58	0.017321	0.55	BDL	0.13	BDL	0.23	BDL	0.05	BDL	0.02	BDL	0.23	BDL	0.42	BDL	0.32
4/25/2013 7:31	BDL	0.03	0.162583	0.97	BDL	0.1	BDL	0.58	0.016191	0.52	BDL	0.13	BDL	0.23	BDL	0.06	BDL	0.1	BDL	0.24	BDL	0.45	BDL	0.27
4/25/2013 7:32	BDL	0.03	0.05465	0.94	BDL	0.2	BDL	0.58	0.014507	0.5	BDL	0.16	BDL	0.15	BDL	0.12	BDL	0.05	BDL	0.26	BDL	0.56	BDL	0.25
4/25/2013 7:33	BDL	0.03	0.094025	0.97	BDL	0.04	BDL	0.58	0.014675	0.52	BDL	0.2	BDL	0.14	BDL	0.06	BDL	0.03	BDL	0.29	BDL	0.43	BDL	0.18
4/25/2013 7:34	BDL	0.05	0.052843	0.94	BDL	0.11	BDL	0.58	0.015855	0.53	BDL	0.16	BDL	0.08	BDL	0.11	BDL	0.07	BDL	0.34	BDL	0.7	BDL	0.27
4/25/2013 7:35	BDL	0.04	0.024319	0.88	BDL	0.12	BDL	0.58	0.014341	0.52	BDL	0.18	BDL	0.1	BDL	0.11	BDL	0.02	BDL	0.41	BDL	0.27	BDL	0.19
4/25/2013 7:36	BDL	0.02	0.013214	0.68	BDL	0.11	BDL	0.57	0.01434	0.46	BDL	0.18	BDL	0.18	BDL	0.23	BDL	0.04	BDL	0.34	BDL	0.34	BDL	0.16
4/25/2013 7:37	BDL	0.05	0.007712	0.31	BDL	0.09	BDL	0.59	0.010704	0.28	BDL	0.12	BDL	0.05	BDL	0.11	BDL	0.09	BDL	0.18	BDL	0.38	BDL	0.13
4/25/2013 7:38	BDL	0.09	0.004561	0.27	BDL	0.04	BDL	0.59	0.013934	0.54	BDL	0.1	BDL	0.07	BDL	0.13	BDL	0.09	BDL	0.27	BDL	0.74	BDL	0.18
4/25/2013 7:39	BDL	0.12	0.018873	0.4	BDL	0.01	BDL	0.59	0.004612	0.02	BDL	0.02	BDL	0.05	BDL	0.06	BDL	0.1	BDL	0.04	BDL	0.65	BDL	0.07
4/25/2013 7:40	BDL	0.11	0.020684	0.79	BDL	0.04	BDL	0.57	0.010833	0.36	BDL	0.12	BDL	0.17	BDL	0.07	BDL	0.08	BDL	0.3	BDL	0.47	BDL	0.09
4/25/2013 7:41	BDL	0.06	0.049923	0.94	BDL	0.14	BDL	0.59	0.00794	0.27	BDL	0.06	BDL	0.19	BDL	0.08	BDL	0.07	BDL	0.82	BDL	0.53	BDL	0.07
4/25/2013 7:42	BDL	0.14	0.039283	0.94	BDL	0.15	BDL	0.58	0.008731	0.33	BDL	0.08	BDL	0.05	BDL	0.06	BDL	0.03	BDL	0.25	BDL	0.8	BDL	0.03
4/25/2013 7:44	BDL	0.02	0.071374	0.95	BDL	0.15	BDL	0.56	0.008367	0.3	BDL	0.2	BDL	0.14	BDL	0.08	BDL	0.04	BDL	0.21	BDL	0.53	BDL	0.06
4/25/2013 7:45	BDL	0.24	0.093311	0.96	BDL	0.2	BDL	0.57	0.007562	0.28	BDL	0.07	BDL	0.04	BDL	0.12	BDL	0.09	BDL	0.76	BDL	0.66	BDL	0.08
4/25/2013 7:46	BDL	0.04	0.073006	0.95	BDL	0.2	BDL	0.54	0.006125	0.2	BDL	0.06	BDL	0.14	BDL	0.04	BDL	0.08	BDL	0.87	BDL	0.34	BDL	0.02
4/25/2013 7:47	BDL	0.11	0.049741	0.95	BDL	0.17	BDL	0.48	0.005056	0.13	BDL	0.02	BDL	0.24	BDL	0.03	BDL	0.19	BDL	0.93	BDL	0.45	BDL	0.26
4/25/2013 7:48	BDL	0.17	0.061218	0.95	BDL	0.18	BDL	0.26	0.002967	0.04	BDL	0.11	BDL	0.2	BDL	0.1	BDL	0.17	BDL	0.93	BDL	0.64	BDL	0.28
4/25/2013 7:49	BDL	0.04	0.043241	0.94	BDL	0.2	BDL	0.48	0.003702	0.07	BDL	0.11	BDL	0.22	BDL	0.11	BDL	0.26	BDL	0.92	BDL	0.16	BDL	0.21
4/25/2013 7:50	BDL	0.06	0.08639	0.97	BDL	0.23	BDL	0.36	0.004527	0.09	BDL	0.1	BDL	0.15	BDL	0.11	0.005496	0.28	BDL	0.93	BDL	0.39	BDL	0.19
4/25/2013 7:51	BDL	0.29	0.107492	0.97	BDL	0.2	BDL	0.03	0.002769	0.03	BDL	0.2	BDL	0.11	BDL	0.1	BDL	0.14	BDL	0.9	BDL	0.56	BDL	0.34
4/25/2013 7:52	BDL	0.12	0.069624	0.97	BDL	0.18	BDL	0.17	0.003162	0.05	BDL	0.07	BDL	0.21	BDL	0.09	BDL	0.29	BDL	0.91	BDL	0.66	BDL	0.29
4/25/2013 7:53	BDL	0.01	0.04421	0.95	BDL	0.23	BDL	0.48	0.003344	0.06	BDL	0.02	BDL	0.28	BDL	0.15	BDL	0.23	BDL	0.92	BDL	0.61	BDL	0.11
4/25/2013 7:54	BDL	0.06	0.090895	0.97	BDL	0.21	BDL	0.53	0.004623	0.12	BDL	0.04	BDL	0.21	BDL	0.06	BDL	0.41	BDL	0.91	BDL	0.54	BDL	0.2
4/25/2013 7:55	BDL	0.02	0.0798	0.97	BDL	0.25	BDL	0.55	0.004635	0.13	BDL	0.03	BDL	0.09	BDL	0.1	BDL	0.27	BDL	0.89	BDL	0.76	BDL	0.16
4/25/2013 7:56	BDL	0.03	0.178542	0.97	BDL	0.28	BDL	0.57	0.007065	0.21	BDL	0.04	BDL	0.06	BDL	0.13	BDL	0.08	BDL	0.7	BDL	0.41	BDL	0.07
4/25/2013 7:57	BDL	0.03	0.035756	0.94	BDL	0.19	BDL	0.57	0.01054	0.4	BDL	0.17	BDL	0.05	BDL	0.09	BDL	0.02	BDL	0.04	BDL	0.39	BDL	0.11
4/25/2013 7:58	BDL	0.01	0.108916	0.97	BDL	0.24	BDL	0.58	0.005955	0.23	BDL	0.07	BDL	0.11	BDL	0.1	BDL	0.03	BDL	0.64	BDL	0.65	BDL	0.04
4/25/2013 7:59	BDL	0.03	0.046568	0.95	BDL	0.2	BDL	0.59	0.006922	0.31	BDL	0.15	BDL	0.21	BDL	0.07	BDL	0.04	BDL	0.13	BDL	0.69	BDL	0.03
4/25/2013 8:00	BDL	0.01	0.032503	0.94	BDL	0.18	BDL	0.57	0.009276	0.37	BDL	0.14	BDL	0.05	BDL	0.14	BDL	0.03	BDL	0.02	BDL	0.33	BDL	0.07
4/25/2013 8:01	BDL	0.03	0.051123	0.96	BDL	0.18	BDL	0.58	0.009783	0.41	BDL	0.13	BDL	0.13	BDL	0.12	BDL	0.04	BDL	0.04	BDL	0.48	BDL	0.05
4/25/2013 8:02	BDL	0.02	0.046933	0.95	BDL	0.22	BDL	0.57	0.010198	0.41	BDL	0.15	BDL	0.12	BDL	0.05	BDL	0.04	BDL	0.2	BDL	0.45	BDL	0.16
4/25/2013 8:03	BDL	0.01	0.117319	0.97	BDL	0.18	BDL	0.56	0.010223	0.43	BDL	0.19	BDL	0.11	BDL	0.11	BDL	0.03	BDL	0.22	BDL	0.7	BDL	0.23
4/25/2013 8:04	BDL	0.02	0.075642	0.97	BDL	0.07	BDL	0.57	0.013088	0.54	BDL	0.18	BDL	0.15	BDL	0.2	BDL	0.03	BDL	0.39	BDL	0.84	BDL	0.16
4/25/2013 8:05	BDL	0.02	0.135488	0.97	BDL	0.3	BDL	0.57	0.010607	0.46	BDL	0.2	BDL	0.18	BDL	0.05	BDL	0.06	BDL	0.1	BDL	0.65	BDL	0.07
4/25/2013 8:06	BDL	0.08	0.103291	0.97	BDL	0.23	BDL	0.56	0.010722	0.45	BDL	0.09	BDL	0.06	BDL	0.28	BDL	0.14	BDL	0.19	BDL	0.42	BDL	0.17
4/25/2013 8:07	BDL	0.02	0.03618	0.94	BDL	0.18	BDL	0.57	0.010174	0.47	BDL	0.13	BDL	0.08	BDL	0.05	BDL	0.04	BDL	0.29	BDL	0.33	BDL	0.27
4/25/2013 8:08	BDL	0.03	0.003284	0.13	BDL	0.08	BDL	0.59	0.010302	0.45	BDL	0.17	BDL	0.1	BDL	0.14	BDL	0.02	BDL	0.33	BDL	0.4	BDL	0.16
4/25/2013 8:09	BDL	0.04	0.006922	0.44	BDL	0.09	BDL	0.58	0.011773	0.55	BDL	0.15	BDL	0.06	BDL	0.08	BDL	0.05	BDL	0.35	BDL	0.52	BDL	0.25
4/25/2013 8:10	BDL	0.03	0.019921	0.9	BDL	0.08	BDL	0.57	0.010923	0.49	BDL	0.15	BDL	0.05	BDL	0.12	BDL	0.07	BDL	0.31	BDL	0.7	BDL	0.13
4/25/2013 8:11	BDL	0.01	0.053773	0.95	BDL	0.13	BDL	0.58	0.009707	0.43	BDL	0.12	BDL	0.21	BDL	0.17	BDL	0.06	BDL	0.21	BDL	0.21	BDL	0.18
4/25/2013 8:12	BDL	0.06	0.069632	0.97	BDL	0.22	BDL	0.56	0.009018	0.5	BDL	0.14	BDL	0.07	BDL	0.21	BDL	0.01	BDL	0.05	BDL	0.25	BDL	0.13
4/25/2013 8:13	BDL	0.02	0.072013	0.98	BDL	0.28	BDL	0.59	0.007142	0.33	BDL	0.03	BDL	0.04	BDL	0.03	BDL	0.01	BDL	0.1	BDL	0.46	BDL	0.06
4/25/2013 8:14	BDL	0.01	0.031261	0.94	BDL	0.02	BDL	0.58	0.010724	0.5	BDL	0.16	BDL	0.07	BDL	0.16	BDL	0.07	BDL	0.38	BDL	0.6	BDL	0.3
4/25/2013 8:15	BDL	0.01	0.045249	0.96	BDL	0.11	BDL	0.58	0.010357	0.45	BDL	0.11	BDL	0.07	BDL	0.13	BDL	0.02	BDL	0.26	BDL	0.43	BDL	0.15
4/25/2013 8:16	BDL	0.43	0.063927	0.97	BDL	0.15	BDL	0.58	0.008483	0.42	BDL	0.1	BDL	0.04	BDL	0.12	BDL	0.06	BDL	0.19	BDL	0.39	BDL	0.27
4/25/2013 8:17	BDL	0.02	0.047529	0.97	BDL	0.05	BDL	0.57	0.009846	0.47	BDL	0.21	BDL	0.02	BDL	0.06	BDL	0.02	BDL	0.21	BDL	0.65	BDL	0.11
4/25/2013 8:19	BDL	0.02	0.037562	0.95	BDL	0.05	BDL	0.56	0.011531	0.52	BDL	0.17	BDL	0.06	BDL	0.02	BDL	0.13	BDL	0.45	BDL	0.26	BDL	0.3
4/25/2013 8:20	BDL	0.02	0.060167	0.97	BDL	0.15	BDL	0.57	0.010462	0.53	BDL	0.16	BDL	0.11	BDL	0.07	BDL	0.09	BDL	0.31	BDL	0.35	BDL	0.16
4/25/2013 8:21	BDL	0.01	0.060237	0.97	BDL	0.14	BDL	0.59	0.010119	0.53	BDL	0.15	BDL	0.21	BDL	0.12	BDL	0.03	BDL	0.32	BDL	0.49	BDL	0.21
4/25/2013 8:22	BDL	0.04	0.092967	0.95	BDL	0.07	BDL	0.58	0.005925	0.12	BDL	0.01	BDL	0.09	BDL	0.03	BDL	0.11	BDL	0.04	BDL	0.35	BDL	0.03
4/25/2013 8:23	BDL	0.18	0.13863	0.96	BDL	0.15	BDL	0.56	0	0.01	BDL	0.06	BDL	0.16	BDL	0.03	BDL	0.2	BDL	0.63	BDL	0.51	BDL	0.13

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Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8
4/25/2013 8:24	titan7	63	100	150	398	5559.676	Titan1-164	BDL	0.13	BDL	0.84	BDL	0.46	BDL	0.2	BDL	0.2	BDL	0.23	BDL	0.46	BDL	0.32	BDL	0.36
4/25/2013 8:25	titan7	64	100	150	397	4726.161	Titan1-164	BDL	0.18	BDL	0.85	BDL	0.37	BDL	0.16	BDL	0	BDL	0.19	BDL	0.4	BDL	0.27	BDL	0.37
4/25/2013 8:26	titan7	65	100	150	399	4634.053	Titan1-164	BDL	0.2	BDL	0.84	BDL	0.48	BDL	0.21	BDL	0.2	BDL	0.15	BDL	0.36	BDL	0.27	BDL	0.34
4/25/2013 8:27	titan7	66	100	150	397	5519.14	Titan1-164	BDL	0.28	BDL	0.85	BDL	0.33	BDL	0.13	BDL	0	BDL	0.05	BDL	0.37	BDL	0.25	BDL	0.37
4/25/2013 8:28	titan7	67	100	150	401	6101.516	Titan1-164	BDL	0.31	BDL	0.84	BDL	0.29	BDL	0.15	BDL	0.4	BDL	0.06	BDL	0.41	BDL	0.34	BDL	0.42
4/25/2013 8:29	titan7	68	100	150	398	6158.178	Titan1-164	BDL	0.3	BDL	0.83	BDL	0.24	BDL	0.18	BDL	0.7	BDL	0.1	BDL	0.41	BDL	0.19	BDL	0.42
4/25/2013 8:30	titan7	69	100	150	399	3805.204	Titan1-164	BDL	0	BDL	0.82	BDL	0.22	BDL	0.1	BDL	0.8	BDL	0.04	BDL	0.42	BDL	0.16	BDL	0.34
4/25/2013 8:31	titan7	70	100	150	397	6204.581	Titan1-164	BDL	0.33	BDL	0.85	BDL	0.28	BDL	0.12	BDL	0.4	BDL	0.03	BDL	0.41	BDL	0.34	BDL	0.43
4/25/2013 8:32	titan7	71	100	150	400	6213.448	Titan1-164	BDL	0.38	BDL	0.84	BDL	0.26	BDL	0.16	BDL	0.6	BDL	0.06	BDL	0.38	BDL	0.25	BDL	0.43
4/25/2013 8:33	titan7	72	100	150	397	6323.376	Titan1-164	BDL	0.3	BDL	0.85	BDL	0.3	BDL	0.17	BDL	0.3	BDL	0.08	BDL	0.17	BDL	0.36	BDL	0.43
4/25/2013 8:34	titan7	73	100	150	401	6150.88	Titan1-164	BDL	0.3	BDL	0.84	BDL	0.34	BDL	0.14	BDL	0.3	BDL	0.02	BDL	0.42	BDL	0.31	BDL	0.42
4/25/2013 8:35	titan7	74	100	150	400	5129.67	Titan1-164	BDL	0.32	BDL	0.84	BDL	0.3	BDL	0.11	BDL	0.4	BDL	0.12	BDL	0.44	BDL	0.19	BDL	0.38
4/25/2013 8:36	titan7	75	100	150	397	4145.029	Titan1-164	BDL	0.25	BDL	0.85	BDL	0.31	BDL	0.16	BDL	0.2	BDL	0.02	BDL	0.29	BDL	0.24	BDL	0.33
4/25/2013 8:37	titan7	76	100	150	398	6325.064	Titan1-164	BDL	0.32	BDL	0.85	BDL	0.31	BDL	0.22	BDL	0.2	BDL	0.12	BDL	0.41	BDL	0.23	BDL	0.37
4/25/2013 8:38	titan7	77	100	150	398	6316.353	Titan1-164	BDL	0.3	BDL	0.83	BDL	0.24	BDL	0.24	BDL	0.6	BDL	0.12	BDL	0.47	BDL	0.12	BDL	0.43
4/25/2013 8:39	titan7	78	100	150	400	6183.017	Titan1-164	BDL	0.18	BDL	0.83	BDL	0.26	BDL	0.2	BDL	0.7	BDL	0.03	BDL	0.44	BDL	0.22	BDL	0.41
4/25/2013 8:40	titan7	79	100	150	397	6277.008	Titan1-164	BDL	0.07	BDL	0.83	BDL	0.2	BDL	0.14	BDL	0.8	BDL	0.04	BDL	0.46	BDL	0.22	BDL	0.45
4/25/2013 8:41	titan7	80	100	150	397	4311.798	Titan1-164	BDL	0.13	BDL	0.83	BDL	0.18	BDL	0.22	BDL	0.8	BDL	0.04	BDL	0.43	BDL	0.23	BDL	0.4
4/25/2013 8:42	titan7	81	100	150	397	6370.684	Titan1-164	BDL	0.35	BDL	0.84	BDL	0.25	BDL	0.26	BDL	0.6	BDL	0.01	BDL	0.45	BDL	0.27	BDL	0.4
4/25/2013 8:43	titan7	82	100	150	401	6450.103	Titan1-164	BDL	0.32	BDL	0.84	BDL	0.37	BDL	0.21	BDL	0.2	BDL	0.08	BDL	0.52	BDL	0.3	BDL	0.4
4/25/2013 8:44	titan7	83	100	150	397	6468.013	Titan1-164	BDL	0.3	BDL	0.85	BDL	0.29	BDL	0.24	BDL	0.5	BDL	0.08	BDL	0.4	BDL	0.18	BDL	0.43
4/25/2013 8:45	titan7	84	100	150	400	6474.713	Titan1-164	BDL	0.33	BDL	0.83	BDL	0.24	BDL	0.23	BDL	0.7	BDL	0.05	BDL	0.48	BDL	0.3	BDL	0.43
4/25/2013 8:46	titan7	85	100	150	400	6596.745	Titan1-164	BDL	0.29	BDL	0.85	BDL	0.3	BDL	0.15	BDL	0.3	BDL	0.01	BDL	0.01	BDL	0.48	BDL	0.42
4/25/2013 8:47	titan7	86	100	150	397	4387.23	Titan1-164	BDL	0.26	BDL	0.85	BDL	0.31	BDL	0.23	BDL	0.2	BDL	0.06	BDL	0.04	BDL	0.38	BDL	0.37
4/25/2013 8:48	titan7	87	100	150	400	4397.91	Titan1-164	BDL	0.28	BDL	0.84	BDL	0.26	BDL	0.25	BDL	0.6	BDL	0.06	BDL	0.39	BDL	0.32	BDL	0.37
4/25/2013 8:49	titan7	88	100	150	397	6512.077	Titan1-164	BDL	0.35	BDL	0.84	BDL	0.25	BDL	0.29	BDL	0.6	BDL	0.03	BDL	0.38	BDL	0.32	BDL	0.39
4/25/2013 8:50	titan7	89	100	150	397	6480.984	Titan1-164	BDL	0.35	BDL	0.83	BDL	0.22	BDL	0.22	BDL	0.7	BDL	0.05	BDL	0.44	BDL	0.13	BDL	0.42
4/25/2013 8:51	titan7	90	100	150	399	6437.305	Titan1-164	BDL	0.07	BDL	0.83	BDL	0.17	BDL	0.27	BDL	0.8	BDL	0.04	BDL	0.47	BDL	0.15	BDL	0.39
4/25/2013 8:52	titan7	91	100	150	398	6480.201	Titan1-164	BDL	0.36	BDL	0.86	BDL	0.31	BDL	0.34	BDL	0.2	BDL	0.03	BDL	0.44	BDL	0.18	BDL	0.38
4/25/2013 8:54	titan7	92	100	150	401	6866.576	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.3	BDL	0.26	BDL	0.2	BDL	0.08	BDL	0.38	BDL	0.38	BDL	0.42
4/25/2013 8:55	titan7	93	100	150	399	6771.948	Titan1-164	BDL	0.29	BDL	0.84	BDL	0.26	BDL	0.19	BDL	0.6	BDL	0.05	BDL	0.38	BDL	0.23	BDL	0.43
4/25/2013 8:56	titan7	94	100	150	398	6512.888	Titan1-164	BDL	0.29	BDL	0.85	BDL	0.31	BDL	0.13	BDL	0.2	BDL	0.09	BDL	0.35	BDL	0.13	BDL	0.41
4/25/2013 8:57	titan7	95	100	150	397	6533.378	Titan1-164	BDL	0.31	BDL	0.85	BDL	0.3	BDL	0.17	BDL	0.3	BDL	0.05	BDL	0.33	BDL	0.23	BDL	0.43
4/25/2013 8:58	titan7	96	100	150	397	6462.342	Titan1-164	BDL	0.34	BDL	0.83	BDL	0.22	BDL	0.2	BDL	0.7	BDL	0.03	BDL	0.21	BDL	0.07	BDL	0.42
4/25/2013 8:59	titan7	97	100	150	400	6432.264	Titan1-164	BDL	0.37	BDL	0.82	BDL	0.16	BDL	0.17	BDL	0.8	BDL	0.03	BDL	0.02	BDL	0.04	BDL	0.43
4/25/2013 9:00	titan7	98	100	150	401	6431.192	Titan1-164	BDL	0.39	BDL	0.83	BDL	0.25	BDL	0.15	BDL	0.7	BDL	0.08	BDL	0.02	BDL	0.02	BDL	0.43
4/25/2013 9:01	titan7	99	100	150	397	6394.744	Titan1-164	BDL	0.44	BDL	0.84	BDL	0.26	BDL	0.08	BDL	0.6	BDL	0.04	BDL	0.22	BDL	0.02	BDL	0.44
4/25/2013 9:02	titan7	100	100	150	398	6479.381	Titan1-164	BDL	0.39	BDL	0.83	BDL	0.24	BDL	0.1	BDL	0.6	BDL	0.02	BDL	0.06	BDL	0.04	BDL	0.4
4/25/2013 9:03	titan7	101	100	150	397	6448.334	Titan1-164	BDL	0.45	BDL	0.84	BDL	0.24	BDL	0.16	BDL	0.7	BDL	0.02	BDL	0.29	BDL	0.03	BDL	0.45
4/25/2013 9:04	titan7	102	100	150	398	6549.485	Titan1-164	BDL	0.4	BDL	0.84	BDL	0.28	BDL	0.16	BDL	0.4	BDL	0.02	BDL	0.03	BDL	0.04	BDL	0.44
4/25/2013 9:05	titan7	103	100	150	401	6469.43	Titan1-164	BDL	0.44	BDL	0.83	BDL	0.26	BDL	0.11	BDL	0.6	BDL	0.08	BDL	0.21	BDL	0.15	BDL	0.44
4/25/2013 9:06	titan7	104	100	150	397	6446.327	Titan1-164	BDL	0.55	BDL	0.83	BDL	0.15	BDL	0.14	BDL	0.8	BDL	0.03	BDL	0.39	BDL	0.17	BDL	0.43
4/25/2013 9:07	titan7	105	100	150	401	6517.989	Titan1-164	BDL	0.45	BDL	0.85	BDL	0.28	BDL	0.26	BDL	0.5	BDL	0.06	BDL	0.24	BDL	0.14	BDL	0.44
4/25/2013 9:08	titan7	106	100	150	399	6605.869	Titan1-164	BDL	0.4	BDL	0.84	BDL	0.27	BDL	0.15	BDL	0.6	BDL	0.05	BDL	0.04	BDL	0.01	BDL	0.47
4/25/2013 9:09	titan7	107	100	150	399	7034.33	Titan1-164	BDL	0.29	BDL	0.86	BDL	0.3	BDL	0.18	BDL	0.2	BDL	0.02	BDL	0.41	BDL	0.28	BDL	0.46
4/25/2013 9:10	titan7	108	100	150	398	6910.487	Titan1-164	BDL	0.3	BDL	0.86	BDL	0.31	BDL	0.1	BDL	0.1	BDL	0.06	BDL	0.4	BDL	0.3	BDL	0.44
4/25/2013 9:11	titan7	109	100	150	397	6802.605	Titan1-164	BDL	0.32	BDL	0.85	BDL	0.3	BDL	0.15	BDL	0.3	BDL	0.04	BDL	0.4	BDL	0.19	BDL	0.42
4/25/2013 9:12	titan7	110	100	150	397	6452.099	Titan1-164	BDL	0.33	BDL	0.86	BDL	0.31	BDL	0.16	BDL	0.2	BDL	0.03	BDL	0.39	BDL	0.08	BDL	0.44
4/25/2013 9:13	titan7	111	100	150	397	6300.928	Titan1-164	BDL	0.35	BDL	0.85	BDL	0.31	BDL	0.13	BDL	0.2	BDL	0.06	BDL	0.37	BDL	0.07	BDL	0.42
4/25/2013 9:14	titan7	112	100	150	397	6074.245	Titan1-164	BDL	0.38	BDL	0.83	BDL	0.48	BDL	0.13	BDL	0.3	BDL	0.15	BDL	0.29	BDL	0.09	BDL	0.39
4/25/2013 9:15	titan7	113	100	150	400	6533.891	Titan1-164	BDL	0.39	BDL	0.84	BDL	0.3	BDL	0.14	BDL	0.6	BDL	0.02	BDL	0.14	BDL	0.04	BDL	0.44
4/25/2013 9:16	titan7	114	100	150	397	6502.76	Titan1-164	BDL	0.46	BDL	0.86	BDL	0.29	BDL	0.1	BDL	0.5	BDL	0.03	BDL	0.25	BDL	0.06	BDL	0.5
4/25/2013 9:17	titan7	115	100	150	397	6541.095	Titan1-164	BDL	0.47	BDL	0.84	BDL	0.28	BDL	0.12	BDL	0.7	BDL	0.03	BDL	0.45	BDL	0.12	BDL	0.46
4/25/2013 9:18	titan7	116	100	150	400	6461.829	Titan1-164	BDL	0.56	BDL	0.84	BDL	0.21	BDL	0.09	BDL	0.8	BDL	0.03	BDL	0.42	BDL	0.2	BDL	0.48
4/25/2013 9:19	titan7	117	100	150	398	6527.19	Titan1-164	BDL	0.48	BDL	0.86	BDL	0.29	BDL	0.1	BDL	0.4	BDL	0.02	BDL	0.3	BDL	0.08	BDL	0.47
4/25/2013 9:20	titan7	118	100	150	397	6661.773	Titan1-164	BDL	0.47	BDL	0.85	BDL	0.26	BDL	0.14	BDL	0.6	BDL	0.03	BDL	0.13	BDL	0.03	BDL	0.5
4/25/2013 9:21	titan7	119	100	150	397	6987.098	Titan1-164	BDL	0.34	BDL	0.85	BDL	0.22	BDL	0.14	BDL	0.6	BDL	0.07	BDL	0.38	BDL	0.19	BDL	0.47
4/25/2013 9:22	titan7	120	100	150	397	6967.39	Titan1-164	BDL	0.33	BDL	0.85	BDL	0.23	BDL	0.08	BDL	0.6	BDL	0.06	BDL	0.38	BDL	0.17	BDL	0.49
4/25/2013 9:23	titan7	121	100	150	398	6885.631	Titan1-164	BDL	0.34	BDL	0.86	BDL	0.3	BDL	0.07	BDL	0.3	BDL	0.02	BDL	0.4	BDL	0.02	BDL	0.48
4/25/2013 9:25	titan7	122	100	150	397	6493.917	Titan1-164	BDL	0.34	BDL	0.86	BDL	0.28	BDL	0.09	BDL	0.5	BDL	0.04	BDL	0.32	BDL	0.16	BDL	0.49
4/25/2013 9:26	titan7	123	100	150	397	6582.877	Titan1-164	BDL	0.37	BDL	0.85	BDL	0.26	BDL	0.14	BDL	0.6	BDL	0.03	BDL	0.25	BDL	0.08	BDL	0.47
4/25/2013 9:27	titan7	124	100	150	399	6694.501	Titan1-164	BDL	0.42	BDL	0.85	BDL	0.25	BDL	0.12	BDL	0.6	BDL	0.03	BDL	0.02	BDL	0.09	BDL	0.49
4/25/2013 9:28	titan7	125	100	150	397	6716.397	Titan1-164	BDL	0.4	BDL	0.86	BDL	0.26	BDL	0.15	BDL	0.5	BDL	0.04	BDL	0.04	BDL	0.07	BDL	0.49
4/25/2013 9:29	titan7	126	100	150	399	6802.189	Titan1-164	BDL	0.37	BDL	0.87	BDL	0.3	BDL	0.14	BDL	0.3	BDL	0.03	BDL	0.23	BDL	0.08	BDL	0.5
4/25/2013 9:30	titan7	127	100	150	397	6797.366	Titan1-164	BDL	0.38	BDL	0.86	BDL	0.29	BDL	0.12	BDL	0.3	BDL	0.03	BDL	0.16	BDL	0.05	BDL	0.46
4/25/2013 9:31	titan7	128	100	150	401	6714.576	Titan1-164	BDL	0.38	BDL	0.87	BDL	0.29	BDL	0.17	BDL	0.2	BDL	0.02	BDL	0.07	BDL	0.1	BDL	0.48
4/25/2013 9:32	titan7	129	100	150	398	6864.783	Titan1-164	BDL	0.39	BDL	0.85	BDL	0.23	BDL	0.15	BDL	0.7	BDL	0.05	BDL	0.1	BDL	0.08	BDL	0.47
4/25/2013 9:33	titan7	130	100	150	398	7168.069	Titan1-164	BDL	0.35	BDL	0.85	BDL	0.26	BDL	0.11	BDL	0.6	BDL	0.02	BDL	0.33	BDL	0.15	BDL	0.5
4/25/2013 9:34	titan7	131	100	150	397	6903.595	Titan1-164	BDL	0.34	BDL	0.87	BDL	0.29	BDL	0.07	BDL	0.3	BDL	0.02	BDL	0.36	BDL	0.06	BDL	0.46
4/25/2013 9:35	titan7	132	100	150	397	6847.824	Titan1-164	BDL	0.35	BDL	0.86	BDL	0.26	BDL	0.08	BDL	0.6	BDL	0.03	BDL	0.34	BDL	0.02	BDL	0.45
4/25/2013 9:36	titan7	133	100	150	397	6744.017	Titan1-164	BDL	0.37	BDL	0.85	BDL	0.3	BDL	0.13	BDL	0.5	BDL	0.05	BDL	0.29	BDL	0.01	BDL	0.5
4/25/2013 9:37	titan7	134	100	150	401	6772.404	Titan1-164	BDL	0.37	BDL	0.86	BDL	0.26	BDL	0.02	BDL	0.5	BDL	0.02	BDL	0.24	BDL	0.05	BDL	0.48
4/25/2013 9:38	titan7	135	100	150	398	6677.271	Titan1-164	BDL	0.44	BDL	0.84	BDL	0.22	BDL	0.14	BDL	0.7	BDL	0.11	BDL	0.06	BDL	0.05	BDL	0.48
4/25/2013 9:39	titan7	136	100	150	397	6622.503	Titan1-164	BDL	0.43	BDL	0.85	BDL	0.24	BDL	0.13	BDL	0.7	BDL	0.05	BDL	0.19	BDL	0.01	BDL	0.49
4/25/2013 9:40	titan7	137	100	150	400	6173.18	Titan1-164	BDL	0.43	BDL	0.85	BDL	0.28	BDL	0.14	BDL	0.5	BDL	0.06	BDL	0.16	BDL	0.04	BDL	0.47
4/25/2013 9:41	titan7	138	100	150	397	6600.515	Titan1-164	BDL	0.46	BDL	0.86	BDL	0.27	BDL	0.11	BDL	0.5	BDL	0.05	BDL	0.22	BDL	0.18	BDL	0.5
4/25/2013 9:42	titan7	139	100	150	400	6652.612	Titan1-164	BDL	0.5	BDL	0.86	BDL	0.26	BDL	0.25	BDL	0.6	BDL	0.06	BDL	0.42	BDL	0.2	BDL	0.49
4/25/2013 9:43	titan7	140	100	150	397	6754.362	Titan1-164	BDL	0.39	BDL	0.86	BDL	0.27	BDL	0.1	BDL	0.5	BDL	0.02	BDL	0.26	BDL	0.02	BDL	0.47
4/25/2013 9:44	titan7	141	100	150	397	7047.594	Titan1-164	BDL	0.35	BDL	0.87	BDL	0.28	BDL	0.14	BDL	0.4	BDL	0.06	BDL	0.35	BDL	0.02	BDL	0.5
4/25/2013 9:45	titan7	142	100	150	401	6942.437	Titan1-164	BDL	0.36	BDL	0.86	BDL	0.27	BDL	0.06	BDL	0.5	BDL	0.07	BDL	0.33	BDL	0.02	BDL	0.49
4/25/2013 9:46	titan7	143	100	150	400	6902.57	Titan1-164	BDL	0.34	BDL	0.87	BDL	0.31	BDL	0.08	BDL	0.1	BDL	0.07	BDL	0.39	BDL	0.02	BDL	0.44
4/25/2013 9:47	titan7	144	100	150	399	6830.947	Titan1-164	BDL	0.36	BDL	0.87	BDL	0.29	BDL	0.07	BDL	0.2	BDL	0.03	BDL	0.35	BDL	0.02	BDL	0.49
4/25/2013 9:48	titan7	145	100	150	399	6762.72	Titan1-164	BDL	0.39	BDL	0.86	BDL	0.27	BDL	0.11	BDL	0.5	BDL	0.07	BDL	0.13	BDL	0.03	BDL	0.49
4/25/2013 9:49	titan7	146	100	150	398	6739.22	Titan1-164	BDL	0.43	BDL	0.85	BDL	0.2	BDL	0.12	BDL	0.7	BDL	0.06	BDL	0.05	BDL	0.09	BDL	0.48
4/25/2013 9:50	titan7	147	100	150	400	6695.587	Titan1-164	BDL	0.46	BDL	0.86	BDL	0.25	BDL	0.11	BDL	0.6	BDL	0.04	BDL	0.22	BDL	0.11	BDL	0.28
4/25/2013 9:51	titan7	148	100	150	397	3665.866	Titan1-164	BDL	0.25	BDL	0.84	BDL	0.25	BDL	0.07	BDL	0.7	BDL	0.05	BDL	0.07	BDL	0.31	BDL	0.39
4/25/2013 9:52	titan7	149	100	150	400	4869.346	Titan1-164	BDL	0.44	BDL	0.85	BDL	0.26	BDL	0.08	BDL	0.6	BDL	0.04	BDL	0.24	BDL	0.06	BDL	0.47
4/25/2013 9:53	titan7	150	100	150	397	6939.352	Titan1-164	BDL	0.4	BDL	0.85	BDL	0.26	BDL	0.09	BDL	0.6	BDL	0.06	BDL	0.32	BDL	0.04	BDL	0.49
4/25/2013 9:54	titan7	151	100	150	398	7100.84	Titan1-164	BDL	0.37	BDL	0.86	BDL	0.24	BDL	0.1	BDL	0.6	BDL	0.04	BDL	0.34	BDL	0.01	BDL	0.5
4/25/2013 9:56	titan7	152	100	150	400	6647.282	Titan1-164	BDL	0.38	BDL	0.86	BDL	0.25	BDL	0.1	BDL	0.5	BDL	0.04	BDL	0.3	BDL	0.21	BDL	0.51
4/25/2013 9:57	titan7	153	100	150	398	6886.767	Titan1-164	BDL	0.39	BDL	0.85	BDL	0.22	BDL	0.06	BDL	0.7	BDL	0.06	BDL	0.28	BDL	0.12	BDL	0.51
4/25/2013 9:58	titan7	154	100	150	400	6758.193	Titan1-164	BDL	0.39	BDL	0.85	BDL	0.26	BDL	0.2	BDL	0.6	BDL	0.02	BDL	0.23	BDL	0.18	BDL	0.47
4/25/2013 9:59	titan7	155	100	150	397	1293.573	Titan1-164	BDL	0.3	BDL	0.84	BDL	0.31	BDL	0.13	BDL	0.1	BDL	0.25	BDL	0.08	BDL	0.14	BDL	0.26
4/25/2013 10:00	titan7	156	100	150	397	4042.351	Titan1-164	BDL	0.39	BDL	0.86	BDL	0.28	BDL	0.09	BDL	0.5	BDL	0.04	BDL	0.01	BDL	0.06	BDL	0.37
4/25/2013 10:01	titan7	157	100	150	400	6645.266	Titan1-164	BDL	0.43	BDL	0.85	BDL	0.28	BDL	0.1	BDL	0.7	BDL	0.02	BDL	0.25	BDL	0.21	BDL	0.49
4/25/2013 10:02	titan7	158	100	150	397	6679.618	Titan1-164	BDL	0.51	BDL	0.84	BDL	0.19	BDL	0.13	BDL	0.7	BDL	0.07	BDL	0.5	BDL	0.08	BDL	0.5
4/25/2013 10:03	titan7	159	100	150	397	6774.407	Titan1-164	BDL	0.4	BDL	0.87	BDL	0.28	BDL	0.19	BDL	0.3	BDL	0.06	BDL	0.08	BDL	0.02	BDL	0.46
4/25/2013 10:04	titan7	160	100	150	397	7182.277	Titan1-164	BDL	0.34	BDL	0.85	BDL	0.27	BDL	0.19	BDL	0.5	BDL	0.03	BDL	0.37	BDL	0.15	BDL	0.46
4/25/2013 10:05	titan7	161	100	150	397	5968.976	Titan1-164	BDL	0.36	BDL	0.85	BDL	0.26	BDL	0.21	BDL	0.5	BDL	0.03	BDL	0.39	BDL	0.18	BDL	0.47
4/25/2013 10:06	titan7	162	100	150	398	6960.821	Titan1-164	BDL	0.39	BDL	0.85	BDL	0.23	BDL	0.15	BDL	0.7	BDL	0.1	BDL	0.35	BDL	0.03	BDL	0.51
4/25/2013 10:07	titan7	163	100	150	399	6911.604	Titan1-164	BDL	0.39	BDL	0.85	BDL	0.19	BDL	0.08	BDL	0.7	BDL	0.12	BDL	0.32	BDL	0.1	BDL	0.48
4/25/2013 10:08	titan7	164	100	150	401	6865.762	Titan1-164	BDL	0.41	BDL	0.85	BDL	0.23	BDL	0.08	BDL	0.7	BDL	0.04	BDL	0.24	BDL	0.17	BDL	0.46
4/25/2013 10:09	titan7	165	100	150	397	6730.832	Titan1-164	BDL	0.4	BDL	0.83	BDL	0.24	BDL	0.2	BDL	0.7	BDL	0.18	BDL	0.08	BDL	0.17	BDL	0.38
4/25/2013 10:10	titan7	166	100	150	398	6668.949	Titan1-164	BDL	0.41	BDL	0.86	BDL	0.27	BDL	0.04	BDL	0.6	BDL	0.02	BDL	0.14	BDL	0.06	BDL	0.48
4/25/2013 10:11	titan7	167	100	150	398	6700.319	Titan1-164	BDL	0.42	BDL	0.85	BDL	0.25	BDL	0.14	BDL	0.6	BDL	0.08	BDL	0.03	BDL	0.13	BDL	0.49
4/25/2013 10:12	titan7	168	100	150	397	6650.707	Titan1-164	BDL	0.47	BDL	0.85	BDL	0.23	BDL	0.17	BDL	0.7	BDL	0.12	BDL	0.2	BDL	0.04	BDL	0.49
4/25/2013 10:13	titan7	169	100	150	398	6693.986	Titan1-164	BDL	0.48	BDL	0.85	BDL	0.23	BDL	0.24	BDL	0.6	BDL	0.13	BDL	0.31	BDL	0.09	BDL	0.48
4/25/2013 11:37	titan8	1	100	150	401	7574.455	Titan1-164	BDL	0.47	BDL	0.84	BDL	0.17	BDL	0.16	BDL	0.8	BDL	0.11	BDL	0.12	BDL	0.02	BDL	0.49
4/25/2013 11:38	titan8	2	100	150	401	7508.634	Titan1-164	BDL	0.54	BDL	0.85	BDL	0.15	BDL	0.06	BDL	0.8	BDL	0.11	BDL	0.41	BDL	0.03	BDL	0.49
4/25/2013 11:39	titan8	3	100	150	401	7511.684	Titan1-164	BDL	0.58	BDL	0.86	BDL	0.21	BDL	0.12	BDL	0.7	BDL	0.13	BDL	0.33	BDL	0.14	BDL	0.47
4/25/2013 11:40	titan8	4	100	150	401	7473.965	Titan1-164	BDL	0.53	BDL	0.87	BDL	0.25	BDL	0.22	BDL	0.6	BDL	0.09	BDL	0.31	BDL	0.09	BDL	0.46
4/25/2013 11:41	titan8	5	100	150	401	7648.828	Titan1-164	BDL	0.4	BDL	0.86	BDL	0.18	BDL	0.14	BDL	0.7	BDL	0.11	BDL	0.04	BDL	0.32	BDL	0.46
4/25/2013 11:42	titan8	6	100	150	401	7696.264	Titan1-164	BDL	0.4	BDL	0.86	BDL	0.12	BDL	0.27	BDL	0.8	BDL	0.11	BDL	0.07	BDL	0.21	BDL	0.44
4/25/2013 11:43	titan8	7	100	150	401	7684.434	Titan1-164	BDL	0.44	BDL	0.86	BDL	0.17	BDL	0.23	BDL	0.8	BDL	0.13	BDL	0.17	BDL	0.22	BDL	0.46
4/25/2013 11:44	titan8	8	100	150	396	7658.1	Titan1-164	BDL	0.44	BDL	0.86	BDL	0.1	BDL	0.14	BDL	0.8	BDL	0.08	BDL	0.23	BDL	0.09	BDL	0.47
4/25/2013 11:45	titan8	9	100	150	401	7605.933	Titan1-164	BDL	0.47	BDL	0.86	BDL	0.17	BDL	0.22	BDL	0.8	BDL	0.08	BDL	0.07	BDL	0.23	BDL	0.46
4/25/2013 11:46	titan8	10	100	150	400	7687.985	Titan1-164	BDL	0.41	BDL	0.87	BDL	0.22	BDL	0.24	BDL	0.7	BDL	0.08	BDL	0.08	BDL	0.18	BDL	0.45
4/25/2013 11:47	titan8	11	100	150	397	7699.463	Titan1-164	BDL	0.44	BDL	0.87	BDL	0.24	BDL	0.2	BDL	0.7	BDL	0.1	BDL	0.04	BDL	0.12	BDL	0.45
4/25/2013 11:48	titan8	12	100	150	399	7812.485	Titan1-164	BDL	0.41	BDL	0.87	BDL	0.21	BDL	0.11	BDL	0.7	BDL	0.06	BDL	0.2	BDL	0.18	BDL	0.48
4/25/2013 11:49	titan8	13	100	150	401	7837.139	Titan1-164	BDL	0.47	BDL	0.86	BDL	0.17	BDL	0.15	BDL	0.7	BDL	0.07	BDL	0.02	BDL	0.21	BDL	0.47
4/25/2013 11:50	titan8	14	100	150	400	7817.224	Titan1-164	BDL	0.42	BDL	0.87	BDL	0.12	BDL	0.1	BDL	0.7	BDL	0.05	BDL	0.01	BDL	0.06	BDL	0.49
4/25/2013 11:51	titan8	15	100	150	401	7753.664	Titan1-164	BDL	0.46	BDL	0.87	BDL	0.2	BDL	0.09	BDL	0.7	BDL	0.05	BDL	0.02	BDL	0.08	BDL	0.51
4/25/2013 11:52	titan8	16	100	150	401	7950.327	Titan1-164	BDL	0.43	BDL	0.87	BDL	0.17	BDL	0.17	BDL	0.7	BDL	0.07	BDL	0.02	BDL	0.21	BDL	0.49
4/25/2013 11:53	titan8	17	100	150	401	8034.394	Titan1-164	BDL	0.4	BDL	0.87	BDL	0.18	BDL	0.12	BDL	0.7	BDL	0.09	BDL	0.06	BDL	0.22	BDL	0.51
4/25/2013 11:54	titan8	18	100	150	401	8000.528	Titan1-164	BDL	0.38	BDL	0.88	BDL	0.27	BDL	0.07	BDL	0.5	BDL	0.05	BDL	0.21	BDL	0.18	BDL	0.42
4/25/2013 11:55	titan8	19	100	150	397	7969.929	Titan1-164	BDL	0.43	BDL	0.87	BDL	0.14	BDL	0.09	BDL	0.7	BDL	0.08	BDL	0.17	BDL	0.13	BDL	0.51
4/25/2013 11:56	titan8	20	100	150	401	7955.377	Titan1-164	BDL	0.47	BDL	0.86	BDL	0.12	BDL	0.23	BDL	0.8	BDL	0.13	BDL	0.19	BDL	0.16	BDL	0.5
4/25/2013 11:57	titan8	21	100	150	401	8000.584	Titan1-164	BDL	0.43	BDL	0.86	BDL	0.21	BDL	0.17	BDL	0.7	BDL	0.11	BDL	0.06	BDL	0.05	BDL	0.53
4/25/2013 11:58	titan8	22	100	150	401	7247.323	Titan1-164	BDL	0.36	BDL	0.88	BDL	0.27	BDL	0.16	BDL	0.4	BDL	0.08	BDL	0.09	BDL	0.34	BDL	0.54
4/25/2013 11:59	titan8	23	100	150	401	7151.28	Titan1-164	BDL	0.35	BDL	0.87	BDL	0.24	BDL	0.1	BDL	0.7	BDL	0.11	BDL	0.15	BDL	0.16	BDL	0.42
4/25/2013 12:00	titan8	24	100	150	401	8036.193	Titan1-164	BDL	0.41	BDL	0.88	BDL	0.22	BDL	0.08	BDL	0.7	BDL	0.12	BDL	0.05	BDL	0.17	BDL	0.51

Sample Date/Time	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
Maximum:	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/25/2013 8:24	BDL	0.13	BDL	0.3	0.125433	0.97	BDL	0.28	BDL	0.55	0.004182	0.16	BDL	0.03	BDL	0.24	BDL	0.05	0.005203	0.33	BDL	0.86	BDL	0.22	BDL	0.09
4/25/2013 8:25	BDL	0.15	BDL	0.15	0.125609	0.97	BDL	0.25	BDL	0.58	0.004755	0.23	BDL	0	BDL	0.13	BDL	0.02	BDL	0.06	BDL	0.79	BDL	0.38	BDL	0.14
4/25/2013 8:26	BDL	0.15	BDL	0.36	0.158182	0.97	BDL	0.32	BDL	0.52	0.002366	0.05	BDL	0.2	BDL	0.16	BDL	0.06	BDL	0.18	BDL	0.91	BDL	0.56	BDL	0.11
4/25/2013 8:27	BDL	0.12	BDL	0.38	0.129693	0.97	BDL	0.31	BDL	0.51	0.002597	0.05	BDL	0.04	BDL	0.17	BDL	0.06	BDL	0.08	BDL	0.91	BDL	0.31	BDL	0.22
4/25/2013 8:28	BDL	0.12	BDL	0.01	0.08334	0.97	BDL	0.27	BDL	0.53	0.005058	0.15	BDL	0.01	BDL	0.35	BDL	0.09	BDL	0.06	BDL	0.9	BDL	0.21	BDL	0.23
4/25/2013 8:29	BDL	0.09	BDL	0.02	0.037559	0.95	BDL	0.23	BDL	0.55	0.006222	0.27	BDL	0.03	BDL	0.13	BDL	0.03	BDL	0.19	BDL	0.84	BDL	0.64	BDL	0.1
4/25/2013 8:30	BDL	0.1	BDL	0.05	0.034707	0.92	BDL	0.07	BDL	0.58	0.00771	0.27	BDL	0.05	BDL	0.16	BDL	0.09	BDL	0.07	BDL	0.08	BDL	0.53	BDL	0.07
4/25/2013 8:31	BDL	0.14	BDL	0.01	0.097887	0.97	BDL	0.25	BDL	0.55	0.005468	0.18	BDL	0.01	BDL	0.08	BDL	0.09	BDL	0.11	BDL	0.88	BDL	0.75	BDL	0.2
4/25/2013 8:32	BDL	0.12	BDL	0.02	0.062608	0.97	BDL	0.22	BDL	0.54	0.005955	0.19	BDL	0.02	BDL	0.13	BDL	0.04	BDL	0.08	BDL	0.85	BDL	0.69	BDL	0.15
4/25/2013 8:33	BDL	0.1	BDL	0.04	0.097009	0.97	BDL	0.23	BDL	0.03	0.002395	0.04	BDL	0.12	BDL	0.14	BDL	0.08	BDL	0.08	BDL	0.87	BDL	0.63	BDL	0.38
4/25/2013 8:34	BDL	0.16	BDL	0.02	0.065094	0.96	BDL	0.2	BDL	0.3	0.004077	0.12	BDL	0.16	BDL	0.12	BDL	0.05	BDL	0.26	BDL	0.89	BDL	0.31	BDL	0.27
4/25/2013 8:35	BDL	0.13	BDL	0.02	0.065494	0.96	BDL	0.19	BDL	0.45	0.003582	0.08	BDL	0.02	BDL	0.12	BDL	0.06	BDL	0.09	BDL	0.88	BDL	0.57	BDL	0.16
4/25/2013 8:36	BDL	0.06	BDL	0.01	0.099258	0.96	BDL	0.2	BDL	0.2	0.002708	0.05	BDL	0.24	BDL	0.16	BDL	0.06	BDL	0.15	BDL	0.89	BDL	0.49	BDL	0.17
4/25/2013 8:37	BDL	0.15	BDL	0.07	0.092411	0.97	BDL	0.3	BDL	0.43	0.004784	0.12	BDL	0.21	BDL	0.1	BDL	0.05	BDL	0.07	BDL	0.9	BDL	0.23	BDL	0.25
4/25/2013 8:38	BDL	0.08	BDL	0.01	0.041589	0.96	BDL	0.22	BDL	0.51	0.006609	0.31	BDL	0.01	BDL	0.13	BDL	0.04	BDL	0.05	BDL	0.75	BDL	0.79	BDL	0.04
4/25/2013 8:39	BDL	0.11	BDL	0.02	0.046412	0.96	BDL	0.13	BDL	0.54	0.007405	0.31	BDL	0.02	BDL	0.18	BDL	0.09	BDL	0.13	BDL	0.64	BDL	0.52	BDL	0.02
4/25/2013 8:40	BDL	0.1	BDL	0.03	0.02766	0.9	BDL	0.12	BDL	0.53	0.008728	0.34	BDL	0.06	BDL	0.11	BDL	0.06	BDL	0.18	BDL	0.27	BDL	0.47	BDL	0.02
4/25/2013 8:41	BDL	0.13	BDL	0.05	0.023403	0.85	BDL	0.13	BDL	0.55	0.006813	0.21	BDL	0.01	BDL	0.19	BDL	0.04	BDL	0.1	BDL	0.55	BDL	0.09	BDL	0.05
4/25/2013 8:42	BDL	0.12	BDL	0.02	0.062065	0.96	BDL	0.2	BDL	0.5	0.006562	0.21	BDL	0.02	BDL	0.04	BDL	0.07	BDL	0.15	BDL	0.85	BDL	0.31	BDL	0.03
4/25/2013 8:43	BDL	0.18	BDL	0.04	0.069582	0.97	BDL	0.2	BDL	0.41	0.005022	0.2	BDL	0.1	BDL	0.13	BDL	0.04	BDL	0.12	BDL	0.88	BDL	0.69	BDL	0.27
4/25/2013 8:44	BDL	0.17	BDL	0.03	0.072933	0.97	BDL	0.24	BDL	0.5	0.005721	0.19	BDL	0.15	BDL	0.1	BDL	0.02	BDL	0.03	BDL	0.87	BDL	0.39	BDL	0.17
4/25/2013 8:45	BDL	0.13	BDL	0.03	0.032426	0.95	BDL	0.16	BDL	0.48	0.006543	0.28	BDL	0	BDL	0.18	BDL	0.01	BDL	0.16	BDL	0.85	BDL	0.77	BDL	0.19
4/25/2013 8:46	BDL	0.03	BDL	0.01	0.090664	0.97	BDL	0.19	BDL	0.17	0.002192	0.03	BDL	0.35	BDL	0.15	BDL	0.02	BDL	0.33	BDL	0.85	BDL	0.31	BDL	0.29
4/25/2013 8:47	BDL	0.01	BDL	0.08	0.091751	0.96	BDL	0.19	BDL	0.02	0	0.06	BDL	0.29	BDL	0.12	BDL	0.04	BDL	0.3	BDL	0.84	BDL	0.51	BDL	0.31
4/25/2013 8:48	BDL	0.14	BDL	0	0.043958	0.96	BDL	0.14	BDL	0.42	0.004192	0.11	BDL	0.16	BDL	0.1	BDL	0.02	BDL	0.19	BDL	0.85	BDL	0.44	BDL	0.25
4/25/2013 8:49	BDL	0.13	BDL	0.03	0.067607	0.96	BDL	0.19	BDL	0.4	0.004274	0.15	BDL	0.2	BDL	0.18	BDL	0.02	BDL	0.19	BDL	0.86	BDL	0.55	BDL	0.22
4/25/2013 8:50	BDL	0.15	BDL	0.01	0.031179	0.93	BDL	0.15	BDL	0.54	0.007954	0.35	BDL	0.02	BDL	0.14	BDL	0.04	BDL	0.11	BDL	0.82	BDL	0.73	BDL	0.13
4/25/2013 8:51	BDL	0.11	BDL	0.04	0.015739	0.87	BDL	0.12	BDL	0.57	0.008567	0.37	BDL	0.14	BDL	0.23	BDL	0.02	BDL	0.09	BDL	0.31	BDL	0.46	BDL	0.02
4/25/2013 8:52	BDL	0.14	BDL	0.08	0.125977	0.97	BDL	0.24	BDL	0.53	0.006213	0.24	BDL	0.14	BDL	0.17	BDL	0.06	BDL	0.26	BDL	0.83	BDL	0.48	BDL	0.24
4/25/2013 8:54	BDL	0.1	BDL	0.05	0.108248	0.97	BDL	0.19	BDL	0.54	0	0.31	BDL	0.28	BDL	0.35	BDL	0.06	BDL	0.37	BDL	0.81	BDL	0.37	BDL	0.34
4/25/2013 8:55	BDL	0.1	BDL	0	0.044078	0.96	BDL	0.16	BDL	0.56	0	0.32	BDL	0.25	BDL	0.21	BDL	0.04	BDL	0.35	BDL	0.79	BDL	0.2	BDL	0.36
4/25/2013 8:56	BDL	0.09	BDL	0	0.09728	0.96	BDL	0.17	BDL	0.61	0	0.43	BDL	0.25	BDL	0.19	BDL	0.13	BDL	0.36	BDL	0.77	BDL	0.49	BDL	0.41
4/25/2013 8:57	BDL	0.09	BDL	0.01	0.079768	0.96	BDL	0.17	BDL	0.61	0	0.35	BDL	0.24	BDL	0.17	BDL	0.14	BDL	0.33	BDL	0.76	BDL	0.33	BDL	0.36
4/25/2013 8:58	BDL	0.09	BDL	0.05	0.027357	0.93	BDL	0.19	BDL	0.48	0	0.1	BDL	0.21	BDL	0.27	BDL	0.1	BDL	0.39	BDL	0.75	BDL	0.3	BDL	0.42
4/25/2013 8:59	BDL	0.1	BDL	0.04	0.019005	0.93	BDL	0.23	BDL	0.22	0	0.07	BDL	0.14	BDL	0.27	BDL	0.1	BDL	0.54	BDL	0.73	BDL	0.51	BDL	0.33
4/25/2013 9:00	BDL	0.08	BDL	0.05	0.042085	0.96	BDL	0.2	BDL	0.21	0.003762	0.09	BDL	0.15	BDL	0.23	BDL	0.1	BDL	0.65	BDL	0.72	BDL	0.44	BDL	0.42
4/25/2013 9:01	BDL	0.09	BDL	0.02	0.060861	0.97	BDL	0.27	BDL	0	0.003397	0.06	BDL	0.13	BDL	0.18	BDL	0.07	BDL	0.22	BDL	0.71	BDL	0.07	BDL	0.3
4/25/2013 9:02	BDL	0.05	BDL	0	0.044937	0.96	BDL	0.26	BDL	0.02	0.004301	0.1	BDL	0.24	BDL	0.14	BDL	0.1	BDL	0.24	BDL	0.71	BDL	0.34	BDL	0.36
4/25/2013 9:03	BDL	0.11	BDL	0.02	0.040863	0.97	BDL	0.25	BDL	0.21	0.005344	0.14	BDL	0.11	BDL	0.11	BDL	0.1	BDL	0.2	BDL	0.68	BDL	0.44	BDL	0.33
4/25/2013 9:04	BDL	0.07	BDL	0.01	0.051671	0.97	BDL	0.23	BDL	0.06	0.003695	0.09	BDL	0.23	BDL	0.29	BDL	0.08	BDL	0.24	BDL	0.71	BDL	0.4	BDL	0.43
4/25/2013 9:05	BDL	0.05	BDL	0.01	0.034488	0.95	BDL	0.22	BDL	0.34	0.005888	0.17	BDL	0.21	BDL	0.23	BDL	0.13	BDL	0.38	BDL	0.68	BDL	0.57	BDL	0.32
4/25/2013 9:06	BDL	0.04	BDL	0.04	0.014415	0.8	BDL	0.22	BDL	0.45	0.007642	0.33	BDL	0	BDL	0.04	BDL	0.01	BDL	0.19	BDL	0.52	BDL	0.64	BDL	0.2
4/25/2013 9:07	BDL	0.05	BDL	0.02	0.085574	0.97	BDL	0.23	BDL	0.18	0.006019	0.19	BDL	0.17	BDL	0.11	BDL	0.06	BDL	0.13	BDL	0.68	BDL	0.33	BDL	0.33
4/25/2013 9:08	BDL	0.15	BDL	0.02	0.063742	0.97	BDL	0.18	BDL	0.08	0.005115	0.12	BDL	0.22	BDL	0.16	BDL	0.05	BDL	0.2	BDL	0.7	BDL	0.29	BDL	0.37
4/25/2013 9:09	BDL	0.1	BDL	0.04	0.136645	0.97	BDL	0.19	BDL	0.57	0	0.42	BDL	0.26	BDL	0.19	BDL	0.03	BDL	0.3	BDL	0.76	BDL	0.43	BDL	0.37
4/25/2013 9:10	BDL	0.09	BDL	0.16	0.115923	0.97	BDL	0.18	BDL	0.61	0	0.48	BDL	0.23	BDL	0.25	BDL	0.01	BDL	0.3	BDL	0.75	BDL	0.7	BDL	0.35
4/25/2013 9:11	BDL	0.09	BDL	0.02	0.078445	0.97	BDL	0.18	BDL	0.62	0	0.47	BDL	0.23	BDL	0.14	BDL	0.17	BDL	0.46	BDL	0.73	BDL	0.45	BDL	0.34
4/25/2013 9:12	BDL	0.09	BDL	0.02	0.139975	0.98	BDL	0.19	BDL	0.64	0	0.33	BDL	0.2	BDL	0.2	BDL	0.08	BDL	0.39	BDL	0.73	BDL	0.48	BDL	0.36
4/25/2013 9:13	BDL	0.1	BDL	0.04	0.104191	0.97	BDL	0.2	BDL	0.59	0	0.13	BDL	0.26	BDL	0.13	BDL	0.09	BDL	0.33	BDL	0.72	BDL	0.43	BDL	0.31
4/25/2013 9:14	BDL	0.08	0.004192	0.57	0.102255	0.97	BDL	0.19	BDL	0.59	0.003033	0.05	BDL	0.21	BDL	0.05	BDL	0.08	BDL	0.29	BDL	0.7	BDL	0.31	BDL	0.32
4/25/2013 9:15	BDL	0.1	BDL	0.03	0.040357	0.96	BDL	0.21	BDL	0.56	0.002616	0.05	BDL	0.21	BDL	0.17	BDL	0.11	BDL	0.51	BDL	0.68	BDL	0.3	BDL	0.32
4/25/2013 9:16	BDL	0.06	BDL	0.02	0.081883	0.98	BDL	0.25	BDL	0.1	0.004932	0.19	BDL	0.26	BDL	0.15	BDL	0.18	BDL	0.18	BDL	0.64	BDL	0.62	BDL	0.32
4/25/2013 9:17	BDL	0.06	BDL	0.01	0.048329	0.97	BDL	0.24	BDL	0.16	0.006096	0.22	BDL	0.17	BDL	0.14	BDL	0.03	BDL	0.15	BDL	0.61	BDL	0.32	BDL	0.31
4/25/2013 9:18	BDL	0.1	BDL	0.02	0.027859	0.93	BDL	0.19	BDL	0.39	0.00757	0.28	BDL	0.1	BDL	0.03	BDL	0.05	BDL	0.06	BDL	0.41	BDL	0.54	BDL	0.25
4/25/2013 9:19	BDL	0.03	BDL	0.02	0.099914	0.98	BDL	0.23	BDL	0.17	0.005035	0.15	BDL	0.34	BDL	0.1	BDL	0.02	BDL	0.1	BDL	0.62	BDL	0.75	BDL	0.29
4/25/2013 9:20	BDL	0.05	BDL	0.01	0.061212	0.97	BDL	0.2	BDL	0.11	0.005116	0.12	BDL	0.22	BDL	0.13	BDL	0.02	BDL	0.27	BDL	0.64	BDL	0.38	BDL	0.39
4/25/2013 9:21	BDL	0.1	BDL	0.02	0.041744	0.97	BDL	0.16	BDL	0.6	0	0.1	BDL	0.3	BDL	0.24	BDL	0.03	BDL	0.27	BDL	0.72	BDL	0.52	BDL	0.32
4/25/2013 9:22	BDL	0.09	BDL	0.03	0.038488	0.96	BDL	0.16	BDL	0.64	0	0.21	BDL	0.24	BDL	0.15	BDL	0.08	BDL	0.25	BDL	0.71	BDL	0.64	BDL	0.38
4/25/2013 9:23	BDL	0.09	BDL	0.02	0.099646	0.97	BDL	0.17	BDL	0.63	0	0.32	BDL	0.22	BDL	0.28	BDL	0.19	BDL	0.32	BDL	0.69	BDL	0.17	BDL	0.39
4/25/2013 9:25	BDL	0.1	BDL	0.07	0.068283	0.98	BDL	0.18	BDL	0.64	0	0.21	BDL	0.24	BDL	0.21	BDL	0.05	BDL	0.35	BDL	0.7	BDL	0.63	BDL	0.36
4/25/2013 9:26	BDL	0.09	BDL	0.01	0.062782	0.98	BDL	0.18	BDL	0.67	0	0.07	BDL	0.3	BDL	0.04	BDL	0.14	BDL	0.23	BDL	0.68	BDL	0.87	BDL	0.38
4/25/2013 9:27	BDL	0.07	BDL	0.05	0.058962	0.98	BDL	0.16	BDL	0.54	0	0.03	BDL	0.3	BDL	0.09	BDL	0.12	BDL	0.36	BDL	0.66	BDL	0.29	BDL	0.29
4/25/2013 9:28	BDL	0.08	BDL	0.02	0.065387	0.98	BDL	0.2	BDL	0.58	0.00202	0.03	BDL	0.3	BDL	0.09	BDL	0.08	BDL	0.33	BDL	0.67	BDL	0.59	BDL	0.33
4/25/2013 9:29	BDL	0.07	BDL	0.01	0.108236	0.98	BDL	0.2	BDL	0.61	0	0.06	BDL	0.31	BDL	0.24	BDL	0.01	BDL	0.42	BDL	0.7	BDL	0.5	BDL	0.38
4/25/2013 9:30	BDL	0.09	BDL	0.01	0.090075	0.98	BDL	0.2	BDL	0.62	0	0.06	BDL	0.3	BDL	0.35	BDL	0.01	BDL	0.34	BDL	0.68	BDL	0.19	BDL	0.33
4/25/2013 9:31	BDL	0.09	BDL	0.04	0.132564	0.98	BDL	0.23	BDL	0.54	0.002706	0.04	BDL	0.25	BDL	0.09	BDL	0.06	BDL	0.46	BDL	0.68	BDL	0.32	BDL	0.38
4/25/2013 9:32	BDL	0.09	BDL	0.02	0.043569	0.96	BDL	0.2	BDL	0.61	0.002322	0.03	BDL	0.22	BDL	0.03	BDL	0.14	BDL	0.43	BDL	0.69	BDL	0.4	BDL	0.34
4/25/2013 9:33	BDL	0.09	BDL	0.02	0.050162	0.98	BDL	0.18	BDL	0.62	0	0.16	BDL	0.34	BDL	0.11	BDL	0.19	BDL	0.33	BDL	0.71	BDL	0.7	BDL	0.33
4/25/2013 9:34	BDL	0.09	BDL	0.02	0.109843	0.98	BDL	0.16	BDL	0.64	0	0.19	BDL	0.25	BDL	0.16	BDL	0.02	BDL	0.36	BDL	0.69	BDL	0.26	BDL	0.38
4/25/2013 9:35	BDL	0.1	BDL	0.01	0.055797	0.98	BDL	0.17	BDL	0.64	0	0.21	BDL	0.25	BDL	0.09	BDL	0.02	BDL	0.44	BDL	0.66	BDL	0.51	BDL	0.37
4/25/2013 9:36	BDL	0.11	BDL	0.01	0.0611	0.98	BDL	0.15	BDL	0.67	0	0.08	BDL	0.25	BDL	0.05	BDL	0.09	BDL	0.11	BDL	0.65	BDL	0.59	BDL	0.41
4/25/2013 9:37	BDL	0.08	BDL	0.02	0.063699	0.96	BDL	0.19	BDL	0.69	0	0.15	BDL	0.25	BDL	0.2	BDL	0.06	BDL	0.29	BDL	0.67	BDL	0.1	BDL	0.36
4/25/2013 9:38	BDL	0.11	BDL	0.03	0.032312	0.97	BDL	0.21	BDL	0.53	0.003025	0.06	BDL	0.31	BDL	0.11	BDL	0.02	BDL	0.34	BDL	0.61	BDL	0.8	BDL	0.34
4/25/2013 9:39	BDL	0.04	BDL	0.03	0.044245	0.97	BDL	0.19	BDL	0.45	0.004109	0.11	BDL	0.35	BDL	0.09	BDL	0.07	BDL	0.12	BDL	0.63	BDL	0.46	BDL	0.27
4/25/2013 9:40	BDL	0.07	BDL	0.02	0.068602	0.97	BDL	0.21	BDL	0.3	0.001941	0.03	BDL	0.22	BDL	0.11	BDL	0.12	BDL	0.23	BDL	0.65	BDL	0.46	BDL	0.31
4/25/2013 9:41	BDL	0.07	BDL	0.02	0.08407	0.98	BDL	0.21	BDL	0.14	0.003759	0.09	BDL	0.3	BDL	0.27	BDL	0.12	BDL	0.19	BDL	0.62	BDL	0.24	BDL	0.3
4/25/2013 9:42	BDL	0.13	BDL	0.02	0.06442	0.97	BDL	0.21	BDL	0.07	0.004483	0.12	BDL	0.16	BDL	0.13	BDL	0.08	BDL	0.2	BDL	0.58	BDL	0.3	BDL	0.38
4/25/2013 9:43	BDL	0.11	BDL	0.02	0.065053	0.97	BDL	0.19	BDL	0.63	0	0.03	BDL	0.25	BDL	0.13	BDL	0.18	BDL	0.42	BDL	0.68	BDL	0.25	BDL	0.28
4/25/2013 9:44	BDL	0.1	BDL	0.04	0.093646	0.98	BDL	0.18	BDL	0.66	0	0.13	BDL	0.25	BDL	0.11	BDL	0.06	BDL	0.42	BDL	0.69	BDL	0.6	BDL	0.43
4/25/2013 9:45	BDL	0.1	BDL	0.01	0.059932	0.97	BDL	0.15	BDL	0.62	0	0.18	BDL	0.29	BDL	0.22	BDL	0.04	BDL	0.52	BDL	0.66	BDL	0.41	BDL	0.34
4/25/2013 9:46	BDL	0.11	BDL	0.21	0.188262	0.97	BDL	0.18	BDL	0.62	0	0.27	BDL	0.24	BDL	0.08	BDL	0.04	BDL	0.29	BDL	0.66	BDL	0.38	BDL	0.34
4/25/2013 9:47	BDL	0.12	BDL	0.01	0.133599	0.98	BDL	0.19	BDL	0.63	0	0.24	BDL	0.28	BDL	0.17	BDL	0.07	BDL	0.32	BDL	0.67	BDL	0.46	BDL	0.41
4/25/2013 9:48	BDL	0.12	BDL	0.02	0.070345	0.98	BDL	0.19	BDL	0.58	0.003494	0.06	BDL	0.23	BDL	0.1	BDL	0.1	BDL	0.41	BDL	0.63	BDL	0.53	BDL	0.37
4/25/2013 9:49	BDL	0.12	BDL	0.01	0.036486	0.97	BDL	0.21	BDL	0.5	0.00245	0.03	BDL	0.33	BDL	0.13	BDL	0.11	BDL	0.24	BDL	0.61	BDL	0.75	BDL	0.36
4/25/2013 9:50	BDL	0.19	BDL	0.01	0.056348	0.97	BDL	0.23	BDL	0.26	0.002738	0.05	BDL	0.29	BDL	0.07	BDL	0.06	BDL	0.34	BDL	0.58	BDL	0.6	BDL	0.37
4/25/2013 9:51	BDL	0.13	BDL	0.02	0.025424	0.9	BDL	0.16	BDL	0.19	0	0.04	BDL	0.23	BDL	0.16	BDL	0.07	BDL	0.25	BDL	0.42	BDL	0.57	BDL	0.35
4/25/2013 9:52	BDL	0.1	BDL	0.01	0.052515	0.97	BDL	0.19	BDL	0.02	0.004462	0.09	BDL	0.21	BDL	0.21	BDL	0.17	BDL	0.2	BDL	0.48	BDL	0.4	BDL	0.33
4/25/2013 9:53	BDL	0.13	BDL	0.01	0.046957	0.97	BDL	0.2	BDL	0.63	0	0.07	BDL	0.26	BDL	0.22	BDL	0.05	BDL	0.42	BDL	0.65	BDL	0.53	BDL	0.32
4/25/2013 9:54	BDL	0.13	BDL	0.01	0.052304	0.98	BDL	0.17	BDL	0.63	0	0.18	BDL	0.26	BDL	0.12	BDL	0.04	BDL	0.22	BDL	0.67	BDL	0.46	BDL	0.38
4/25/2013 9:56	BDL	0.12	BDL	0	0.05863	0.98	BDL	0.17	BDL	0.64	0	0.12	BDL	0.24	BDL	0.04	BDL	0.02	BDL	0.45	BDL	0.63	BDL	0.56	BDL	0.41
4/25/2013 9:57	BDL	0.14	BDL	0.01	0.036369	0.97	BDL	0.18	BDL	0.62	0	0.09	BDL	0.24	BDL	0.14	BDL	0.06	BDL	0.28	BDL	0.59	BDL	0.64	BDL	0.39
4/25/2013 9:58	BDL	0.13	BDL	0.01	0.05069	0.95	BDL	0.14	BDL	0.63	0	0.07	BDL	0.33	BDL	0.09	BDL	0.01	BDL	0.22	BDL	0.6	BDL	0.31	BDL	0.39
4/25/2013 9:59	BDL	0.06	BDL	0.13	0.180409	0.97	BDL	0.1	BDL	0.31	0	0.22	BDL	0.24	BDL	0.14	BDL	0.04	BDL	0.14	BDL	0.5	BDL	0.43	BDL	0.29
4/25/2013 10:00	BDL	0.16	BDL	0	0.068261	0.97	BDL	0.16	BDL	0.34	0	0.06	BDL	0.23	BDL	0.14	BDL	0.05	BDL	0.09	BDL	0.59	BDL	0.63	BDL	0.42
4/25/2013 10:01	BDL	0.15	BDL	0	0.036102	0.97	BDL	0.21	BDL	0.38	0.002005	0.03	BDL	0.3	BDL	0.11	BDL	0.01	BDL	0.31	BDL	0.6	BDL	0.41	BDL	0.43
4/25/2013 10:02	BDL	0.08	BDL	0.02	0.027465	0.96	BDL	0.22	BDL	0.19	0.003443	0.08	BDL	0.29	BDL	0.17	BDL	0.17	BDL	0.15	BDL	0.49	BDL	0.13	BDL	0.34
4/25/2013 10:03	BDL	0.12	BDL	0.02	0.10067	0.98	BDL	0.19	BDL	0.64	0	0.02	BDL	0.26	BDL	0.23	BDL	0.11	BDL	0.37	BDL	0.65	BDL	0.4	BDL	0.33
4/25/2013 10:04	BDL	0.11	BDL	0.08	0.055308	0.97	BDL	0.17	BDL	0.61	0	0.33	BDL	0.27	BDL	0.21	BDL	0.02	BDL	0.25	BDL	0.71	BDL	0.51	BDL	0.37
4/25/2013 10:05	BDL	0.12	BDL	0.02	0.050349	0.97	BDL	0.17	BDL	0.58	0	0.32	BDL	0.26	BDL	0.2	BDL	0.06	BDL	0.26	BDL	0.67	BDL	0.44	BDL	0.33
4/25/2013 10:06	BDL	0.15	BDL	0	0.027796	0.96	BDL	0.15	BDL	0.57	0	0.27	BDL	0.18	BDL	0.31	BDL	0.01	BDL	0.33	BDL	0.63	BDL	0.54	BDL	0.35
4/25/2013 10:07	BDL	0.14	BDL	0.01	0.02929	0.96	BDL	0.15	BDL	0.64	0	0.11	BDL	0.24	BDL	0.27	BDL	0.07	BDL	0.17	BDL	0.61	BDL	0.4	BDL	0.35
4/25/2013 10:08	BDL	0.16	BDL	0.01	0.043226	0.98	BDL	0.15	BDL	0.61	0	0.16	BDL	0.23	BDL	0.2	BDL	0.18	BDL	0.38	BDL	0.59	BDL	0.31	BDL	0.36
4/25/2013 10:09	BDL	0.14	BDL	0.02	0.033549	0.96	BDL	0.14	BDL	0.58	0.002468	0.03	BDL	0.3	BDL	0.17	BDL	0.04	BDL	0.15	BDL	0.57	BDL	0.26	BDL	0.42
4/25/2013 10:10	BDL	0.15	BDL	0.01	0.059755	0.97	BDL	0.15	BDL	0.59	0	0.15	BDL	0.32	BDL	0.08	BDL	0.02	BDL	0.39	BDL	0.61	BDL	0.33	BDL	0.4
4/25/2013 10:11	BDL	0.17	BDL	0.01	0.047146	0.97	BDL	0.19	BDL	0.54	0	0.1	BDL	0.31	BDL	0.07	BDL	0.02	BDL	0.42	BDL	0.6	BDL	0.42	BDL	0.38
4/25/2013 10:12	BDL	0.16	BDL	0.02	0.031995	0.95	BDL	0.21	BDL	0.1	0.002193	0.04	BDL	0.37	BDL	0.05	BDL	0.15	BDL	0.26	BDL	0.54	BDL	0.56	BDL	0.37
4/25/2013 10:13	BDL	0.17	BDL	0.01	0.048187	0.98	BDL	0.2	BDL	0.02	0.002598	0.04	BDL	0.3	BDL	0.12	BDL	0.1	BDL	0.31	BDL	0.53	BDL	0.46	BDL	0.37
4/25/2013 11:37	BDL	0.05	BDL	0.02	0.01908	0.83	BDL	0.11	BDL	0.46	0	0.05	BDL	0.3	BDL	0.35	BDL	0.02	BDL	0.35	BDL	0.31	BDL	0.49	BDL	0.37
4/25/2013 11:38	BDL	0.01	BDL	0.02	0.01224	0.74	BDL	0.14	BDL	0.31	0.004208	0.18	BDL	0.09	BDL	0.14	BDL	0.01	BDL	0.09	BDL	0.03	BDL	0.43	BDL	0.19
4/25/2013 11:39	BDL	0.01	BDL	0.03	0.027999	0.92	BDL	0.17	BDL	0.31	0.004212	0.15	BDL	0.07	BDL	0.14	BDL	0.23	BDL	0.46	BDL	0.08	BDL	0.56	BDL	0.3
4/25/2013 11:40	BDL	0.13	BDL	0.03	0.061601	0.97	BDL	0.22	BDL	0.16	0.003398	0.08	BDL	0.17	BDL	0.22	BDL	0.3	BDL	0.18	BDL	0.26	BDL	0.44	BDL	0.4
4/25/2013 11:41	BDL	0.12	BDL	0.02	0.0227	0.92	BDL	0.22	BDL	0.55	0	0.13	BDL	0.25	BDL	0.13	BDL	0.06	BDL	0.28	BDL	0.51	BDL	0.47	BDL	0.33
4/25/2013 11:42	BDL	0.19	BDL	0.03	0.008477	0.68	BDL	0.17	BDL	0.29	0	0.09	BDL	0.23	BDL	0.16	BDL	0.11	BDL	0.31	BDL	0.51	BDL	0.29	BDL	0.27
4/25/2013 11:43	BDL	0.16	BDL	0.03	0.012391	0.84	BDL	0.15	BDL	0.31	0	0.05	BDL	0.32	BDL	0.06	BDL	0.1	BDL	0.24	BDL	0.43	BDL	0.28	BDL	0.36
4/25/2013 11:44	BDL	0.15	BDL	0.03	0.006214	0.49	BDL	0.15	BDL	0.22	0	0.04	BDL	0.25	BDL	0.17	BDL	0.16	BDL	0.3	BDL	0.33	BDL	0.58	BDL	0.3
4/25/2013 11:45	BDL	0.14	BDL	0.05	0.016704	0.87	BDL	0.15	BDL	0.31	0	0.08	BDL	0.28	BDL	0.12	BDL	0.06	BDL	0.53	BDL	0.37	BDL	0.44	BDL	0.34
4/25/2013 11:46	BDL	0.16	BDL	0.03	0.032796	0.95	BDL	0.16	BDL	0.56	0	0.1	BDL	0.24	BDL	0.19	BDL	0.24	BDL	0.57	BDL	0.44	BDL	0.37	BDL	0.32
4/25/2013 11:47	BDL	0.16	BDL	0.03	0.04311	0.97	BDL	0.17	BDL	0.58	0	0.19	BDL	0.23	BDL	0.14	BDL	0.06	BDL	0.46	BDL	0.46	BDL	0.47	BDL	0.37
4/25/2013 11:48	BDL	0.15	BDL	0.03	0.033288	0.95	BDL	0.16	BDL	0.52	0	0.1	BDL	0.29	BDL	0.11	BDL	0.06	BDL	0.53	BDL	0.47	BDL	0.43	BDL	0.37
4/25/2013 11:49	BDL	0.14	BDL	0.02	0.0133	0.79	BDL	0.17	BDL	0.39	0	0.06	BDL	0.24	BDL	0.32	BDL	0.09	BDL	0.43	BDL	0.4	BDL	0.31	BDL	0.41
4/25/2013 11:50	BDL	0.14	BDL	0.01	0.012243	0.72	BDL	0.16	BDL	0.5	0	0.13	BDL	0.27	BDL	0.23	BDL	0.01	BDL	0.4	BDL	0.43	BDL	0.34	BDL	0.34
4/25/2013 11:51	BDL	0.12	BDL	0.01	0.027888	0.95	BDL	0.16	BDL	0.48	0	0.12	BDL	0.31	BDL	0.2	BDL	0.19	BDL	0.71	BDL	0.45	BDL	0.25	BDL	0.29
4/25/2013 11:52	BDL	0.09	BDL	0.01	0.028717	0.94	BDL	0.17	BDL	0.63	0	0.16	BDL	0.29	BDL	0.05	BDL	0.06	BDL	0.65	BDL	0.51	BDL	0.51	BDL	0.43
4/25/2013 11:53	BDL	0.13	BDL	0.03	0.026015	0.95	BDL	0.18	BDL	0.62	0	0.13	BDL	0.3	BDL	0.11	BDL	0.08	BDL	0.54	BDL	0.54	BDL	0.6	BDL	0.36
4/25/2013 11:54	BDL	0.11	BDL	0.02	0.0802	0.99	BDL	0.17	BDL	0.6	0	0.18	BDL	0.29	BDL	0.3	BDL	0.17	BDL	0.29	BDL	0.56	BDL	0.45	BDL	0.39
4/25/2013 11:55	BDL	0.16	BDL	0.03	0.019473	0.92	BDL	0.16	BDL	0.33	0.002357	0.05	BDL	0.19	BDL	0.06	BDL	0.06	BDL	0.39	BDL	0.36	BDL	0.65	BDL	0.47
4/25/2013 11:56	BDL	0.1	BDL	0.02	0.008206	0.61	BDL	0.14	BDL	0.36	0.001872	0.06	BDL	0.2	BDL	0.11	BDL	0.05	BDL	0.27	BDL	0.39	BDL	0.5	BDL	0.37
4/25/2013 11:57	BDL	0.08	BDL	0.03	0.027742	0.93	BDL	0.12	BDL	0.51	0.001076	0.01	BDL	0.27	BDL	0.36	BDL	0.02	BDL	0.13	BDL	0.41	BDL	0.49	BDL	0.42
4/25/2013 11:58	BDL	0.1	BDL	0.01	0.089657	0.96	BDL	0.18	BDL	0.6	0	0.12	BDL	0.32	BDL	0.18	BDL	0.09	BDL	0.34	BDL	0.48	BDL	0.35	BDL	0.41
4/25/2013 11:59	BDL	0.11	BDL	0.03	0.038523	0.95	BDL	0.15	BDL	0.61	0	0.33	BDL	0.29	BDL	0.22	BDL	0.01	BDL	0.22	BDL	0.58	BDL	0.36	BDL	0.39
4/25/2013 12:00	BDL	0.13	BDL	0.02	0.045924	0.98	BDL	0.18	BDL	0.54	0	0.17	BDL	0.32	BDL	0.27	BDL	0.07	BDL	0.61	BDL	0.5	BDL	0.62	BDL	0.42

Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
							Maximum	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/25/2013 12:01	titan8	25	100	150	401	7809.168	Titan1-164	BDL	0.42	BDL	0.87	BDL	0.2	BDL	0.11	BDL	0.7	BDL	0.08	BDL	0.13	BDL	0.12	BDL	0.51	BDL	0.14	BDL	0.01	0.031138	0.97	BDL	0.19	BDL	0.57	0	0.19	BDL	0.28	BDL	0.2	BDL	0.03	BDL	0.54	BDL	0.47	BDL	0.47	BDL	0.39
4/25/2013 12:02	titan8	26	100	150	401	8153.45	Titan1-164	BDL	0.37	BDL	0.87	BDL	0.19	BDL	0.09	BDL	0.7	BDL	0.06	BDL	0.19	BDL	0.34	BDL	0.5	BDL	0.12	BDL	0.01	0.026905	0.93	BDL	0.16	BDL	0.56	0	0.19	BDL	0.25	BDL	0.27	BDL	0.05	BDL	0.35	BDL	0.57	BDL	0.64	BDL	0.45
4/25/2013 12:03	titan8	27	100	150	401	8168.418	Titan1-164	BDL	0.35	BDL	0.88	BDL	0.27	BDL	0.09	BDL	0.5	BDL	0.08	BDL	0.21	BDL	0.36	BDL	0.5	BDL	0.11	BDL	0.02	0.063408	0.98	BDL	0.17	BDL	0.64	0	0.25	BDL	0.2	BDL	0.33	BDL	0.11	BDL	0.43	BDL	0.57	BDL	0.4	BDL	0.36
4/25/2013 12:04	titan8	28	100	150	401	8093.794	Titan1-164	BDL	0.41	BDL	0.87	BDL	0.2	BDL	0.12	BDL	0.7	BDL	0.06	BDL	0.01	BDL	0.24	BDL	0.51	BDL	0.14	BDL	0.01	0.030449	0.96	BDL	0.17	BDL	0.54	0	0.1	BDL	0.2	BDL	0.13	BDL	0.12	BDL	0.2	BDL	0.46	BDL	0.49	BDL	0.29
4/25/2013 12:05	titan8	29	100	150	400	8126	Titan1-164	BDL	0.39	BDL	0.88	BDL	0.25	BDL	0.2	BDL	0.6	BDL	0.1	BDL	0.07	BDL	0.37	BDL	0.52	BDL	0.17	BDL	0.02	0.062749	0.98	BDL	0.18	BDL	0.45	0	0.06	BDL	0.24	BDL	0.22	BDL	0.06	0.00437	0.37	BDL	0.45	BDL	0.45	BDL	0.34
4/25/2013 12:06	titan8	30	100	150	396	8062.104	Titan1-164	BDL	0.42	BDL	0.87	BDL	0.19	BDL	0.13	BDL	0.7	BDL	0.04	BDL	0.04	BDL	0.23	BDL	0.51	BDL	0.14	BDL	0.03	0.036282	0.97	BDL	0.18	BDL	0.57	0	0.12	BDL	0.23	BDL	0.24	BDL	0.09	BDL	0.31	BDL	0.45	BDL	0.7	BDL	0.37
4/25/2013 12:07	titan8	31	100	150	401	8220.502	Titan1-164	BDL	0.36	BDL	0.87	BDL	0.22	BDL	0.14	BDL	0.6	BDL	0.03	BDL	0.26	BDL	0.4	BDL	0.5	BDL	0.17	BDL	0	0.03817	0.97	BDL	0.18	BDL	0.63	0	0.29	BDL	0.28	BDL	0.12	BDL	0.26	BDL	0.59	BDL	0.55	BDL	0.68	BDL	0.38
4/25/2013 12:08	titan8	32	100	150	400	8240.615	Titan1-164	BDL	0.39	BDL	0.87	BDL	0.13	BDL	0.14	BDL	0.7	BDL	0.05	BDL	0.15	BDL	0.26	BDL	0.5	BDL	0.12	BDL	0.02	0.029571	0.95	BDL	0.18	BDL	0.6	0	0.17	BDL	0.28	BDL	0.19	BDL	0.19	BDL	0.36	BDL	0.49	BDL	0.43	BDL	0.33
4/25/2013 12:09	titan8	33	100	150	401	8305.262	Titan1-164	BDL	0.4	BDL	0.87	BDL	0.18	BDL	0.14	BDL	0.7	BDL	0.09	BDL	0.14	BDL	0.38	BDL	0.49	BDL	0.18	BDL	0.04	0.02922	0.94	BDL	0.18	BDL	0.61	0	0.17	BDL	0.2	BDL	0.21	BDL	0.09	BDL	0.27	BDL	0.49	BDL	0.26	BDL	0.41
4/25/2013 12:10	titan8	34	100	150	401	8245.141	Titan1-164	BDL	0.43	BDL	0.88	BDL	0.19	BDL	0.08	BDL	0.7	BDL	0.09	BDL	0.06	BDL	0.37	BDL	0.4	BDL	0.17	BDL	0.02	0.027272	0.92	BDL	0.17	BDL	0.45	0	0.09	BDL	0.23	BDL	0.14	BDL	0.05	0.005081	0.34	BDL	0.39	BDL	0.55	BDL	0.4
4/25/2013 12:11	titan8	35	100	150	401	8128.561	Titan1-164	BDL	0.51	BDL	0.87	BDL	0.16	BDL	0.09	BDL	0.7	BDL	0.09	BDL	0.39	BDL	0.16	BDL	0.53	BDL	0.08	BDL	0.03	0.019497	0.87	BDL	0.18	BDL	0.02	0	0.05	BDL	0.21	BDL	0.14	BDL	0.19	BDL	0.43	BDL	0.21	BDL	0.35	BDL	0.38
4/25/2013 12:13	titan8	36	100	150	401	8158.865	Titan1-164	BDL	0.48	BDL	0.88	BDL	0.21	BDL	0.06	BDL	0.7	BDL	0.06	BDL	0.17	BDL	0.15	BDL	0.5	BDL	0.12	BDL	0.04	0.035015	0.97	BDL	0.18	BDL	0.31	0	0.1	BDL	0.28	BDL	0.14	BDL	0.19	0.004591	0.35	BDL	0.31	BDL	0.56	BDL	0.39
4/25/2013 12:14	titan8	37	100	150	401	6280.077	Titan1-164	BDL	0.37	BDL	0.89	BDL	0.27	BDL	0.19	BDL	0.5	BDL	0.02	BDL	0.17	BDL	0.18	BDL	0.49	BDL	0.1	BDL	0.02	0.075179	0.98	BDL	0.17	BDL	0.6	0	0.25	BDL	0.27	BDL	0.24	BDL	0.37	BDL	0.34	BDL	0.49	BDL	0.31	BDL	0.36
4/25/2013 12:15	titan8	38	100	150	401	7017.434	Titan1-164	BDL	0.37	BDL	0.89	BDL	0.27	BDL	0.16	BDL	0.5	BDL	0.11	BDL	0.31	BDL	0.23	BDL	0.54	BDL	0.13	BDL	0	0.077889	0.98	BDL	0.18	BDL	0.59	0	0.42	BDL	0.31	BDL	0.23	BDL	0.23	BDL	0.26	BDL	0.55	BDL	0.59	BDL	0.36
4/25/2013 12:16	titan8	39	100	150	401	8381.194	Titan1-164	BDL	0.35	BDL	0.88	BDL	0.24	BDL	0.07	BDL	0.6	BDL	0.06	BDL	0.28	BDL	0.34	BDL	0.51	BDL	0.14	BDL	0.03	0.045981	0.98	BDL	0.18	BDL	0.61	0	0.37	BDL	0.27	BDL	0.3	BDL	0.17	BDL	0.5	BDL	0.61	BDL	0.56	BDL	0.34
4/25/2013 12:17	titan8	40	100	150	400	8346.013	Titan1-164	BDL	0.4	BDL	0.88	BDL	0.25	BDL	0.08	BDL	0.6	BDL	0.06	BDL	0.18	BDL	0.47	BDL	0.51	BDL	0.17	BDL	0.02	0.067832	0.98	BDL	0.18	BDL	0.53	0	0.26	BDL	0.29	BDL	0.29	BDL	0.18	BDL	0.36	BDL	0.56	BDL	0.59	BDL	0.37
4/25/2013 12:18	titan8	41	100	150	399	5502.993	Titan1-164	BDL	0.36	BDL	0.88	BDL	0.25	BDL	0.15	BDL	0.6	BDL	0.11	BDL	0.13	BDL	0.39	BDL	0.5	BDL	0.13	BDL	0.04	0.06099	0.98	BDL	0.18	BDL	0.59	0	0.18	BDL	0.26	BDL	0.18	BDL	0.13	BDL	0.11	BDL	0.49	BDL	0.23	BDL	0.34
4/25/2013 12:19	titan8	42	100	150	398	8419.271	Titan1-164	BDL	0.37	BDL	0.89	BDL	0.26	BDL	0.1	BDL	0.4	BDL	0.04	BDL	0.23	BDL	0.41	BDL	0.51	BDL	0.09	BDL	0.01	0.108547	0.99	BDL	0.18	BDL	0.69	0	0.24	BDL	0.25	BDL	0.21	BDL	0.06	BDL	0.39	BDL	0.64	BDL	0.71	BDL	0.35
4/25/2013 12:20	titan8	43	100	150	397	8348.979	Titan1-164	BDL	0.44	BDL	0.88	BDL	0.12	BDL	0.08	BDL	0.7	BDL	0.07	BDL	0.16	BDL	0.18	BDL	0.52	BDL	0.2	BDL	0.05	0.017352	0.9	BDL	0.16	BDL	0.14	0	0.04	BDL	0.14	BDL	0.07	BDL	0.07	BDL	0.31	BDL	0.5	BDL	0.39	BDL	0.33
4/25/2013 12:21	titan8	44	100	150	397	8438.937	Titan1-164	BDL	0.39	BDL	0.88	BDL	0.19	BDL	0.11	BDL	0.7	BDL	0.07	BDL	0.13	BDL	0.17	BDL	0.52	BDL	0.11	BDL	0.02	0.028519	0.95	BDL	0.16	BDL	0.59	0	0.13	BDL	0.23	BDL	0.25	BDL	0	BDL	0.35	BDL	0.57	BDL	0.55	BDL	0.29
4/25/2013 12:22	titan8	45	100	150	399	7511.731	Titan1-164	BDL	0.45	BDL	0.88	BDL	0.22	BDL	0.07	BDL	0.6	BDL	0.14	BDL	0.01	BDL	0.17	BDL	0.5	BDL	0.1	BDL	0.03	0.046707	0.98	BDL	0.16	BDL	0.53	0	0.18	BDL	0.18	BDL	0.16	BDL	0.1	BDL	0.2	BDL	0.5	BDL	0.79	BDL	0.33
4/25/2013 12:23	titan8	46	100	150	399	8309.439	Titan1-164	BDL	0.37	BDL	0.88	BDL	0.24	BDL	0.22	BDL	0.6	BDL	0.07	BDL	0.21	BDL	0.34	BDL	0.52	BDL	0.11	BDL	0.01	0.060499	0.98	BDL	0.17	BDL	0.63	0	0.31	BDL	0.24	BDL	0.27	BDL	0.02	BDL	0.26	BDL	0.61	BDL	0.3	BDL	0.33
4/25/2013 12:24	titan8	47	100	150	401	8334.239	Titan1-164	BDL	0.37	BDL	0.87	BDL	0.19	BDL	0.09	BDL	0.7	BDL	0.07	BDL	0.31	BDL	0.24	BDL	0.29	BDL	0.13	BDL	0.01	0.027765	0.97	BDL	0.2	BDL	0.61	0	0.3	BDL	0.25	BDL	0.23	BDL	0.08	BDL	0.28	BDL	0.61	BDL	0.64	BDL	0.38
4/25/2013 12:25	titan8	48	100	150	401	8421.042	Titan1-164	BDL	0.38	BDL	0.87	BDL	0.18	BDL	0.12	BDL	0.7	BDL	0.08	BDL	0.12	BDL	0.3	BDL	0.51	BDL	0.14	BDL	0.05	0.022135	0.93	BDL	0.17	BDL	0.53	0	0.14	BDL	0.18	BDL	0.34	BDL	0.08	BDL	0.36	BDL	0.58	BDL	0.32	BDL	0.34
4/25/2013 12:26	titan8	49	100	150	401	8403.092	Titan1-164	BDL	0.42	BDL	0.87	BDL	0.15	BDL	0.15	BDL	0.7	BDL	0.06	BDL	0.01	BDL	0.33	BDL	0.46	BDL	0.2	BDL	0.03	0.020499	0.92	BDL	0.18	BDL	0.47	0	0.09	BDL	0.19	BDL	0.06	BDL	0.02	BDL	0.47	BDL	0.55	BDL	0.77	BDL	0.37
4/25/2013 12:27	titan8	50	100	150	401	8405.494	Titan1-164	BDL	0.41	BDL	0.87	BDL	0.15	BDL	0.09	BDL	0.7	BDL	0.08	BDL	0.03	BDL	0.2	BDL	0.52	BDL	0.1	BDL	0.03	0.019506	0.92	BDL	0.18	BDL	0.47	0	0.08	BDL	0.26	BDL	0.22	BDL	0.01	BDL	0.53	BDL	0.56	BDL	0.33	BDL	0.34
4/25/2013 12:28	titan8	51	100	150	397	8376.312	Titan1-164	BDL	0.4	BDL	0.87	BDL	0.23	BDL	0.07	BDL	0.6	BDL	0.05	BDL	0.09	BDL	0.14	BDL	0.22	BDL	0.08	BDL	0.01	0.037395	0.97	BDL	0.18	BDL	0.63	0	0.2	BDL	0.21	BDL	0.25	BDL	0.06	BDL	0.42	BDL	0.6	BDL	0.4	BDL	0.32
4/25/2013 12:29	titan8	52	100	150	397	8276.634	Titan1-164	BDL	0.38	BDL	0.83	BDL	0.27	BDL	0.1	BDL	0.7	BDL	0.12	BDL	0.01	BDL	0.2	BDL	0.5	BDL	0.07	BDL	0.03	0.020788	0.94	BDL	0.12	BDL	0.41	0	0.08	BDL	0.38	BDL	0.1	BDL	0.08	BDL	0.21	BDL	0.55	BDL	0.6	BDL	0.38
4/25/2013 12:30	titan8	53	100	150	400	8310.84	Titan1-164	BDL	0.41	BDL	0.84	BDL	0.17	BDL	0.12	BDL	0.7	BDL	0.07	BDL	0.07	BDL	0.24	BDL	0.52	BDL	0.06	BDL	0.01	0.00878	0.64	BDL	0.11	BDL	0.34	0	0.06	BDL	0.3	BDL	0.27	BDL	0.07	BDL	0.19	BDL	0.54	BDL	0.66	BDL	0.36
4/25/2013 12:31	titan8	54	100	150	398	8239.47	Titan1-164	BDL	0.42	BDL	0.85	BDL	0.15	BDL	0.14	BDL	0.7	BDL	0.08	BDL	0.29	BDL	0.22	BDL	0.51	BDL	0.04	BDL	0.01	0.013361	0.75	BDL	0.13	BDL	0.16	0	0.05	BDL	0.26	BDL	0.25	BDL	0.02	0.00636	0.4	BDL	0.49	BDL	0.7	BDL	0.44
4/25/2013 12:32	titan8	55	100	150	397	8213.423	Titan1-164	BDL	0.38	BDL	0.88	BDL	0.24	BDL	0.1	BDL	0.6	BDL	0.05	BDL	0.02	BDL	0.36	BDL	0.49	BDL	0.09	BDL	0.04	0.050079	0.98	BDL	0.17	BDL	0.54	0	0.23	BDL	0.21	BDL	0.17	BDL	0.01	BDL	0.46	BDL	0.58	BDL	0.47	BDL	0.32
4/25/2013 12:33	titan8	56	100	150	398	8266.794	Titan1-164	BDL	0.37	BDL	0.88	BDL	0.22	BDL	0.11	BDL	0.6	BDL	0.04	BDL	0.02	BDL	0.37	BDL	0.5	BDL	0.1	BDL	0.03	0.044943	0.97	BDL	0.2	BDL	0.44	0	0.15	BDL	0.17	BDL	0.17	BDL	0.13	BDL	0.28	BDL	0.56	BDL	0.17	BDL	0.29
4/25/2013 12:34	titan8	57	100	150	400	8202.549	Titan1-164	BDL	0.41	BDL	0.88	BDL	0.18	BDL	0.17	BDL	0.7	BDL	0.08	BDL	0.23	BDL	0.32	BDL	0.5	BDL	0.15	BDL	0.03	0.031093	0.94	BDL	0.21	BDL	0.13	0	0.04	BDL	0.14	BDL	0.32	BDL	0.24	BDL	0.2	BDL	0.47	BDL	0.48	BDL	0.34
4/25/2013 12:35	titan8	58	100	150	401	7557.376	Titan1-164	BDL	0.47	BDL	0.88	BDL	0.25	BDL	0.07	BDL	0.6	BDL	0.07	BDL	0.12	BDL	0.2	BDL	0.49	BDL	0.08	BDL	0.01	0.059951	0.98	BDL	0.18	BDL	0.21	0	0.06	BDL	0.31	BDL	0.07	BDL	0.02	BDL	0.54	BDL	0.3	BDL	0.38	BDL	0.35
4/25/2013 12:36	titan8	59	100	150	401	8006.766	Titan1-164	BDL	0.5	BDL	0.87	BDL	0.23	BDL	0.11	BDL	0.7	BDL	0.06	BDL	0.28	BDL	0.19	BDL	0.48	BDL	0.13	BDL	0.03	0.040882	0.96	BDL	0.2	BDL	0.07	0	0.04	BDL	0.19	BDL	0.11	BDL	0.23	BDL	0.46	BDL	0.32	BDL	0.41	BDL	0.38
4/25/2013 12:37	titan8	60	100	150	400	8074.946	Titan1-164	BDL	0.46	BDL	0.87	BDL	0.15	BDL	0.16	BDL	0.7	BDL	0.04	BDL	0.34	BDL	0.3	BDL	0.48	BDL	0.13	BDL	0.03	0.019415	0.9	BDL	0.17	BDL	0.02	0.002492	0.04	BDL	0.16	BDL	0.2	BDL	0.11	BDL	0.05	BDL	0.29	BDL	0.25	BDL	0.24
4/25/2013 12:38	titan8	61	100	150	401	8112.12	Titan1-164	BDL	0.45	BDL	0.87	BDL	0.22	BDL	0.14	BDL	0.7	BDL	0.07	BDL	0.13	BDL	0.19	BDL	0.47	BDL	0.13	BDL	0.03	0.039339	0.95	BDL	0.2	BDL	0.07	0	0.03	BDL	0.19	BDL	0.27	BDL	0.17	BDL	0.48	BDL	0.35	BDL	0.41	BDL	0.35
4/25/2013 12:39	titan8	62	100	150	397	8187.1	Titan1-164	BDL	0.4	BDL	0.87	BDL	0.22	BDL	0.14	BDL	0.7	BDL	0.06	BDL	0.03	BDL	0.33	BDL	0.52	BDL	0.16	BDL	0.03	0.034144	0.95	BDL	0.21	BDL	0.44	0	0.13	BDL	0.25	BDL	0.11	BDL	0.05	BDL	0.19	BDL	0.44	BDL	0.51	BDL	0.28
4/25/2013 12:40	titan8	63	100	150	398	8237.992	Titan1-164	BDL	0.4	BDL	0.88	BDL	0.21	BDL	0.13	BDL	0.7	BDL	0.08	BDL	0.06	BDL	0.26	BDL	0.51	BDL	0.13	BDL	0.02	0.031269	0.96	BDL	0.2	BDL	0.58	0	0.25	BDL	0.25	BDL	0.18	BDL	0.04	BDL	0.33	BDL	0.5	BDL	0.37	BDL	0.39
4/25/2013 12:41	titan8	64	100	150	398	8268.338	Titan1-164	BDL	0.38	BDL	0.87	BDL	0.17	BDL	0.16	BDL	0.7	BDL	0.07	BDL	0.04	BDL	0.29	BDL	0.51	BDL	0.11	BDL	0.02	0.017044	0.91	BDL	0.18	BDL	0.5	0	0.17	BDL	0.27	BDL	0.24	BDL	0.16	BDL	0.38	BDL	0.49	BDL	0.51	BDL	0.37
4/25/2013 12:42	titan8	65	100	150	400	8291.984	Titan1-164	BDL	0.41	BDL	0.89	BDL	0.26	BDL	0.13	BDL	0.5	BDL	0.08	BDL	0.05	BDL	0.42	BDL	0.51	BDL	0.13	BDL	0.01	0.082524	0.99	BDL	0.23	BDL	0.58	0	0.25	BDL	0.22	BDL	0.22	BDL	0.04	BDL	0.27	BDL	0.51	BDL	0.66	BDL	0.41
4/25/2013 12:43	titan8	66	100	150	397	8249.626	Titan1-164	BDL	0.46	BDL	0.87	BDL	0.13	BDL	0.12	BDL	0.7	BDL	0.06	BDL	0.26	BDL	0.32	BDL	0.51	BDL	0.16	BDL	0.03	0.014447	0.85	BDL	0.21	BDL	0.04	0	0.09	BDL	0.13	BDL	0.32	BDL	0.04	BDL	0.22	BDL	0.36	BDL	0.52	BDL	0.34
4/25/2013 12:44	titan8	67	100	150	401	8208.536	Titan1-164	BDL	0.5	BDL	0.87	BDL	0.14	BDL	0.08	BDL	0.7	BDL	0.11	BDL	0.42	BDL	0.3	BDL	0.51	BDL	0.03	BDL	0.01	0.017276	0.88	BDL	0.19	BDL	0.23	0	0.03	BDL	0.3	BDL	0.03	BDL	0.08	BDL	0.35	BDL	0.2	BDL	0.74	BDL	0.2
4/25/2013 12:45	titan8	68	100	150	399	8227.674	Titan1-164	BDL	0.43	BDL	0.87	BDL	0.11	BDL	0.08	BDL	0.7	BDL	0.04	BDL	0.31	BDL	0.26	BDL	0.5	BDL	0.11	BDL	0.02	0.01056	0.8	BDL	0.16	BDL	0.04	0	0.02	BDL	0.19	BDL	0.14	BDL	0.05	BDL	0.32	BDL	0.35	BDL	0.34	BDL	0.29
4/25/2013 12:47	titan8	69	100	150	400	8225.253	Titan1-164	BDL	0.41	BDL	0.88	BDL	0.24	BDL	0.09	BDL	0.6	BDL	0.05	BDL	0.03	BDL	0.31	BDL	0.51	BDL	0.16	BDL	0.04	0.062179	0.99	BDL	0.2	BDL	0.48	0	0.09	BDL	0.25	BDL	0.19	BDL	0.1	BDL	0.34	BDL	0.45	BDL	0.52	BDL	0.34
4/25/2013 12:48	titan8	70	100	150	401	5915.177	Titan1-164	BDL	0.39	BDL	0.87	BDL	0.22	BDL	0.1	BDL	0.7	BDL	0.02	BDL	0.14	BDL	0.12	BDL	0.5	BDL	0.13	BDL	0.04	0.04033	0.96	BDL	0.18	BDL	0.53	0	0.11	BDL	0.26	BDL	0.14	BDL	0.09	BDL	0.22	BDL	0.43	BDL	0.72	BDL	0.33
4/25/2013 12:49	titan8	71	100	150	401	6740.156	Titan1-164	BDL	0.46	BDL	0.87	BDL	0.06	BDL	0.15	BDL	0.7	BDL	0.03	BDL	0.38	BDL	0.25	BDL	0.51	BDL	0.08	BDL	0.05	0.007072	0.61	BDL	0.17	BDL	0.04	0	0.02	BDL	0.07	BDL	0.07	BDL	0.08	BDL	0.04	BDL	0.18	BDL	0.46	BDL	0.16
4/25/2013 12:50	titan8	72	100	150	401	8354.024	Titan1-164	BDL	0.39	BDL	0.87	BDL	0.19	BDL	0.11	BDL	0.7	BDL	0.04	BDL	0.13	BDL	0.27	BDL	0.52	BDL	0.15	BDL	0.02	0.032947	0.97	BDL	0.18	BDL	0.59	0	0.13	BDL	0.23	BDL	0.31	BDL	0.11	BDL	0.3	BDL	0.5	BDL	0.45	BDL	0.25
4/25/2013 12:51	titan8	73	100	150	401	8364.524	Titan1-164	BDL	0.39	BDL	0.87	BDL	0.16	BDL	0.18	BDL	0.7	BDL	0.04	BDL	0.1	BDL	0.08	BDL	0.51	BDL	0.18	BDL	0.02	0.018586	0.93	BDL	0.18	BDL	0.61	0	0.11	BDL	0.23	BDL	0.1	BDL	0.08	BDL	0.26	BDL	0.47	BDL	0.59	BDL	0.39
4/25/2013 12:52	titan8	74	100	150	399	8492.165	Titan1-164	BDL	0.42	BDL	0.87	BDL	0.14	BDL	0.11	BDL	0.7	BDL	0.1	BDL	0.18	BDL	0.21	BDL	0.5	BDL	0.18	BDL	0.02	0.016587	0.89	BDL	0.18	BDL	0.54	0	0.12	BDL	0.25	BDL	0.16	BDL	0.19	BDL	0.1	BDL	0.48	BDL	0.74	BDL	0.3
4/25/2013 12:53	titan8	75	100	150	398	8381.626	Titan1-164	BDL	0.46	BDL	0.88	BDL	0.14	BDL	0.14	BDL	0.7	BDL	0.05	BDL	0.17	BDL	0.13	BDL	0.53	BDL	0.1	BDL	0.03	0.015256	0.84	BDL	0.18	BDL	0.34	0	0.1	BDL	0.11	BDL	0.08	BDL	0.08	BDL	0.32	BDL	0.4	BDL	0.75	BDL	0.45
4/25/2013 12:54	titan8	76	100	150	399	8369.894	Titan1-164	BDL	0.49	BDL	0.87	BDL	0.08	BDL	0.06	BDL	0.7	BDL	0.04	BDL	0.36	BDL	0.04	BDL	0.52	BDL	0.1	BDL	0.03	0.006436	0.48	BDL	0.16	BDL	0.02	0.001533	0.02	BDL	0.29	BDL	0.19	BDL	0.18	BDL	0.15	BDL	0.34	BDL	0.56	BDL	0.24
4/25/2013 12:55	titan8	77	100	150	401	8380.587	Titan1-164	BDL	0.51	BDL	0.87	BDL	0.11	BDL	0.11	BDL	0.7	BDL	0.1	BDL	0.4	BDL	0.12	BDL	0.46	BDL	0.09	BDL	0.04	0.00861	0.65	BDL	0.15	BDL	0.02	0.001938	0.05	BDL	0.13	BDL	0.07	BDL	0.01	BDL	0.09	BDL	0.3	BDL	0.43	BDL	0.23
4/25/2013 12:56	titan8	78	100	150	397	8359.686	Titan1-164	BDL	0.48	BDL	0.87	BDL	0.12	BDL	0.21	BDL	0.7	BDL	0.12	BDL	0.23	BDL	0.11	BDL	0.53	BDL	0.05	BDL	0.03	0.015495	0.82	BDL	0.14	BDL	0.12	0.001602	0.04	BDL	0.31	BDL	0.14	BDL	0.05	BDL	0.06	BDL	0.38	BDL	0.47	BDL	0.24
4/25/2013 12:57	titan8	79	100	150	397	8334.778	Titan1-164	BDL	0.44	BDL	0.87	BDL	0.08	BDL	0.08	BDL	0.7	BDL	0.05	BDL	0.33	BDL	0.08	BDL	0.53	BDL	0.1	BDL	0.03	0.003514	0.34	BDL	0.16	BDL	0.06	0	0.07	BDL	0.24	BDL	0.09	BDL	0.05	BDL	0.32	BDL	0.39	BDL	0.36	BDL	0.27
4/25/2013 12:58	titan8	80	100	150	397	8432.755	Titan1-164	BDL	0.39	BDL	0.88	BDL	0.2	BDL	0.07	BDL	0.7	BDL	0.06	BDL	0.07	BDL	0.15	BDL	0.52	BDL	0.13	BDL	0.06	0.036713	0.97	BDL	0.17	BDL	0.57	0	0.22	BDL	0.25	BDL	0.32	BDL	0.06	BDL	0.41	BDL	0.52	BDL	0.59	BDL	0.31
4/25/2013 12:59	titan8	81	100	150	397	8462.514	Titan1-164	BDL	0.38	BDL	0.88	BDL	0.13	BDL	0.06	BDL	0.7	BDL	0.03	BDL	0.1	BDL	0.31	BDL	0.52	BDL	0.17	BDL	0.03	0.014457	0.87	BDL	0.18	BDL	0.61	0	0.16	BDL	0.21	BDL	0.09	BDL	0.04	BDL	0.5	BDL	0.58	BDL	0.55	BDL	0.31
4/25/2013 13:00	titan8	82	100	150	400	8431.227	Titan1-164	BDL	0.4	BDL	0.88	BDL	0.07	BDL	0.16	BDL	0.7	BDL	0.07	BDL	0.14	BDL	0.2	BDL	0.52	BDL	0.17	BDL	0.03	0.007184	0.61	BDL	0.19	BDL	0.15	0	0.1	BDL	0.21	BDL	0.24	BDL	0.03	BDL	0.09	BDL	0.5	BDL	0.41	BDL	0.18
4/25/2013 13:01	titan8	83	100	150	400	8494.163	Titan1-164	BDL	0.36	BDL	0.88	BDL	0.19	BDL	0.19	BDL	0.7	BDL	0.05	BDL	0.09	BDL	0.2	BDL	0.52	BDL	0.14	BDL	0.03	0.034699	0.96	BDL	0.17	BDL	0.61	0	0.16	BDL	0.19	BDL	0.2	BDL	0.01	BDL	0.42	BDL	0.58	BDL	0.4	BDL	0.28
4/25/2013 13:02	titan8	84	100	150	398	8545.568	Titan1-164	BDL	0.37	BDL	0.87	BDL	0.15	BDL	0.09	BDL	0.7	BDL	0.02	BDL	0.24	BDL	0.25	BDL	0.52	BDL	0.19	BDL	0.01	0.016554	0.9	BDL	0.21	BDL	0.56	0	0.14	BDL	0.27	BDL	0.26	BDL	0.04	BDL	0.36	BDL	0.61	BDL	0.3	BDL	0.41
4/25/2013 13:03	titan8	85	100	150	401	8580.871	Titan1-164	BDL	0.36	BDL	0.88	BDL	0.24	BDL	0.1	BDL	0.5	BDL	0.03	BDL	0.38	BDL	0.36	BDL	0.53	BDL	0.15	BDL	0.05	0.064241	0.98	BDL	0.19	BDL	0.59	0	0.27	BDL	0.24	BDL	0.28	BDL	0.01	BDL	0.31	BDL	0.64	BDL	0.44	BDL	0.37
4/25/2013 13:04	titan8	86	100	150	398	8515.839	Titan1-164	BDL	0.39	BDL	0.88	BDL	0.2	BDL	0.18	BDL	0.7	BDL	0.02	BDL	0.14	BDL	0.25	BDL	0.51	BDL	0.15	BDL	0.03	0.03617	0.96	BDL	0.19	BDL	0.57	0	0.13	BDL	0.28	BDL	0.26	BDL	0.08	BDL	0.49	BDL	0.58	BDL	0.39	BDL	0.41
4/25/2013 13:05	titan8	87	100	150	401	8578.074	Titan1-164	BDL	0.33	BDL	0.88	BDL	0.25	BDL	0.14	BDL	0.4	BDL	0.05	BDL	0.3	BDL	0.33	BDL	0.47	BDL	0.14	BDL	0.01	0.076375	0.98	BDL	0.19	BDL	0.57	0	0.27	BDL	0.22	BDL	0.23	BDL	0.05	BDL	0.26	BDL	0.66	BDL	0.41	BDL	0.41
4/25/2013 13:06	titan8	88	100	150	401	8632.216	Titan1-164	BDL	0.33	BDL	0.89	BDL	0.28	BDL	0.09	BDL	0.3	BDL	0.05	BDL	0.32	BDL	0.45	BDL	0.52	BDL	0.14	BDL	0.02	0.111708	0.99	BDL	0.21	BDL	0.59	0	0.3	BDL	0.19	BDL	0.21	BDL	0.15	BDL	0.38	BDL	0.64	BDL	0.63	BDL	0.41
4/25/2013 13:07	titan8	89	100	150	396	8612.198	Titan1-164	BDL	0.34	BDL	0.88	BDL	0.2	BDL	0.14	BDL	0.6	BDL	0.04	BDL	0.29	BDL	0.32	BDL	0.52	BDL	0.14	BDL	0.01	0.031625	0.97	BDL	0.2	BDL	0.58	0	0.24	BDL	0.25	BDL	0.2	BDL	0.21	BDL	0.45	BDL	0.63	BDL	0.47	BDL	0.4
4/25/2013 13:08	titan8	90	100	150	401	8526.342	Titan1-164	BDL	0.4	BDL	0.88	BDL	0.18	BDL	0.08	BDL	0.7	BDL	0.07	BDL	0.12	BDL	0.28	BDL	0.53	BDL	0.19	BDL	0.02	0.02973	0.97	BDL	0.16	BDL	0.46	0	0.06	BDL	0.18	BDL	0.24	BDL	0.02	BDL	0.42	BDL	0.56	BDL	0.33	BDL	0.49
4/25/2013 13:09	titan8	91	100	150	398	8496.909	Titan1-164	BDL	0.45	BDL	0.88	BDL	0.14	BDL	0.13	BDL	0.7	BDL	0.08	BDL	0.1	BDL	0.19	BDL	0.51	BDL	0.11	BDL	0.02	0.019165	0.91	BDL	0.18	BDL	0.04	0.002855	0.05	BDL	0.16	BDL	0.07	BDL	0.01	BDL	0.52	BDL	0.45	BDL	0.57	BDL	0.35
4/25/2013 13:10	titan8	92	100	150	401	8460.501	Titan1-164	BDL	0.5	BDL	0.87	BDL	0.13	BDL	0.13	BDL	0.7	BDL	0.05	BDL	0.31	BDL	0.01	BDL	0.53	BDL	0.05	BDL	0.03	0.012682	0.79	BDL	0.15	BDL	0.2	0.003558	0.08	BDL	0.03	BDL	0.18	BDL	0.01	BDL	0.27	BDL	0.24	BDL	0.41	BDL	0.12
4/25/2013 13:11	titan8	93	100	150	397	8482.147	Titan1-164	BDL	0.48	BDL	0.87	BDL	0.13	BDL	0.13	BDL	0.7	BDL	0.07	BDL	0.27	BDL	0.21	BDL	0.41	BDL	0.09	BDL	0.03	0.015305	0.88	BDL	0.22	BDL	0.13	0.002488	0.03	BDL	0.1	BDL	0.17	BDL	0.17	BDL	0.54	BDL	0.39	BDL	0.34	BDL	0.19
4/25/2013 13:12	titan8	94	100	150	399	8505.384	Titan1-164	BDL	0.37	BDL	0.88	BDL	0.21	BDL	0.11	BDL	0.7	BDL	0.02	BDL	0.15	BDL	0.14	BDL	0.52	BDL	0.18	BDL	0.02	0.029967	0.98	BDL	0.19	BDL	0.59	0	0.14	BDL	0.32	BDL	0.2	BDL	0.15	BDL	0.51	BDL	0.58	BDL	0.64	BDL	0.45
4/25/2013 13:13	titan8	95	100	150	397	8627.649	Titan1-164	BDL	0.37	BDL	0.88	BDL	0.21	BDL	0.1	BDL	0.6	BDL	0.02	BDL	0.24	BDL	0.35	BDL	0.5	BDL	0.1	BDL	0	0.028845	0.98	BDL	0.21	BDL	0.6	0	0.2	BDL	0.2	BDL	0.18	BDL	0.03	BDL	0.49	BDL	0.64	BDL	0.51	BDL	0.35
4/25/2013 13:14	titan8	96	100	150	401	8472.146	Titan1-164	BDL	0.41	BDL	0.88	BDL	0.21	BDL	0.12	BDL	0.7	BDL	0.06	BDL	0.02	BDL	0.1	BDL	0.16	BDL	0.07	BDL	0.01	0.031155	0.97	BDL	0.17	BDL	0.35	0	0.09	BDL	0.23	BDL	0.25	BDL	0.13	BDL	0.44	BDL	0.59	BDL	0.67	BDL	0.31
4/25/2013 13:15	titan8	97	100	150	399	8703.385	Titan1-164	BDL	0.36	BDL	0.89	BDL	0.28	BDL	0.09	BDL	0.3	BDL	0.02	BDL	0.32	BDL	0.31	BDL	0.5	BDL	0.1	BDL	0.01	0.11716	0.99	BDL	0.2	BDL	0.58	0	0.24	BDL	0.25	BDL	0.25	BDL	0.02	BDL	0.46	BDL	0.67	BDL	0.43	BDL	0.46
4/25/2013 13:16	titan8	98	100	150	397	8237.205	Titan1-164	BDL	0.34	BDL	0.89	BDL	0.28	BDL	0.09	BDL	0.4	BDL	0.05	BDL	0.38	BDL	0.34	BDL	0.47	BDL	0.13	BDL	0.02	0.108129	0.99	BDL	0.18	BDL	0.57	0	0.35	BDL	0.23	BDL	0.19	BDL	0.11	BDL	0.33	BDL	0.66	BDL	0.52	BDL	0.46
4/25/2013 13:17	titan8	99	100	150	399	8401.365	Titan1-164	BDL	0.33	BDL	0.88	BDL	0.26	BDL	0.09	BDL	0.4	BDL	0.03	BDL	0.39	BDL	0.41	BDL	0.48	BDL	0.13	BDL	0.06	0.079055	0.99	BDL	0.22	BDL	0.55	0	0.36	BDL	0.22	BDL	0.22	BDL	0.03	BDL	0.37	BDL	0.69	BDL	0.56	BDL	0.34
4/25/2013 13:18	titan8	100	100	150	400	8547.451	Titan1-164	BDL	0.39	BDL	0.88	BDL	0.23	BDL	0.08	BDL	0.6	BDL	0.05	BDL	0.25	BDL	0.27	BDL	0.51	BDL	0.22	BDL	0	0.036054	0.96	BDL	0.19	BDL	0.49	0	0.11	BDL	0.16	BDL	0.32	BDL	0.06	BDL	0.39	BDL	0.6	BDL	0.68	BDL	0.3
4/25/2013 13:19	titan8	101	100	150	397	8577.024	Titan1-164	BDL	0.44	BDL	0.87	BDL	0.18	BDL	0.11	BDL	0.7	BDL	0.02	BDL	0.26	BDL	0.26	BDL	0.53	BDL	0.2	BDL	0.01	0.019819	0.91	BDL	0.18	BDL	0.13	0	0.03	BDL	0.13	BDL	0.29	BDL	0.16	BDL	0.43	BDL	0.56	BDL	0.66	BDL	0.3
4/25/2013 13:20	titan8	102	100	150	401	8567.633	Titan1-164	BDL	0.36	BDL	0.87	BDL	0.21	BDL	0.07	BDL	0.6	BDL	0.01	BDL	0.26	BDL	0.17	BDL	0.52	BDL	0.15	BDL	0.01	0.047245	0.98	BDL	0.19	BDL	0.54	0	0.11	BDL	0.18	BDL	0.18	BDL	0.02	BDL	0.52	BDL	0.64	BDL	0.56	BDL	0.33
4/25/2013 13:22	titan8	103	100	150	398	7381.465	Titan1-164	BDL	0	BDL	0.86	BDL	0.28	BDL	0.12	BDL	0	BDL	0.19	BDL	0.43	BDL	0.29	BDL	0.43	BDL	0.08	BDL	0.32	0.047158	0.98	BDL	0.17	BDL	0.41	0.014243	0.34	BDL	0.03	BDL	0.22	BDL	0.07	BDL	0.1	BDL	0.93	BDL	0.58	BDL	0.18
4/25/2013 13:23	titan8	104	100	150	401	8523.235	Titan1-164	BDL	0.46	BDL	0.87	BDL	0.19	BDL	0.1	BDL	0.6	BDL	0.01	BDL	0.02	BDL	0.3	BDL	0.51	BDL	0.12	BDL	0.01	0.031351	0.97	BDL	0.18	BDL	0.23	0.002051	0.02	BDL	0.26	BDL	0.05	BDL	0.1	BDL	0.44	BDL	0.47	BDL	0.3	BDL	0.27
4/25/2013 13:24	titan8	105	100	150	397	8711.682	Titan1-164	BDL	0.38	BDL	0.87	BDL	0.28	BDL	0.12	BDL	0.5	BDL	0.01	BDL	0.27	BDL	0.29	BDL	0.49	BDL	0.15	BDL	0.03	0.083821	0.98	BDL	0.18	BDL	0.55	0	0.11	BDL	0.21	BDL	0.15	BDL	0.15	BDL	0.4	BDL	0.63	BDL	0.44	BDL	0.37
4/25/2013 13:25	titan8	106	100	150	397	8507.458	Titan1-164	BDL	0.37	BDL	0.87	BDL	0.25	BDL	0.1	BDL	0.5	BDL	0.01	BDL	0.29	BDL	0.32	BDL	0.52	BDL	0.14	BDL	0.02	0.054378	0.99	BDL	0.19	BDL	0.57	0	0.16	BDL	0.21	BDL	0.16	BDL	0.04	BDL	0.35	BDL	0.6	BDL	0.35	BDL	0.47
4/25/2013 13:26	titan8	107	100	150	398	4454.481	Titan1-164	BDL	0.36	BDL	0.87	BDL	0.16	BDL	0.11	BDL	0.7	BDL	0.03	BDL	0.14	BDL	0.3	BDL	0.43	BDL	0.18	BDL	0.01	0.022971	0.94	BDL	0.16	BDL	0.31	0	0.1	BDL	0.17	BDL	0.1	BDL	0.13	BDL	0.45	BDL	0.23	BDL	0.43	BDL	0.26
4/25/2013 13:27	titan8	108	100	150	398	5918.136	Titan1-164	BDL	0.38	BDL	0.87	BDL	0.24	BDL	0.11	BDL	0.6	BDL	0.03	BDL	0.22	BDL	0.23	BDL	0.51	BDL	0.17	BDL	0.01	0.042846	0.98	BDL	0.2	BDL	0.5	0	0.18	BDL	0.17	BDL	0.09	BDL	0.31	BDL	0.28	BDL	0.44	BDL	0.54	BDL	0.35
4/25/2013 13:28	titan8	109	100	150	398	8186.206	Titan1-164	BDL	0.4	BDL	0.87	BDL	0.17	BDL	0.08	BDL	0.6	BDL	0.02	BDL	0.44	BDL	0.04	BDL	0.52	BDL	0.07	BDL	0.01	0.024069	0.97	BDL	0.19	BDL	0.19	0.003552	0.12	BDL	0.19	BDL	0.2	BDL	0.04	BDL	0.58	BDL	0.26	BDL	0.24	BDL	0.13
4/25/2013 13:29	titan8	110	100	150	401	8276.94	Titan1-164	BDL	0.6	BDL	0.87	BDL	0.17	BDL	0.09	BDL	0.7	BDL	0.02	BDL	0.45	BDL	0.11	BDL	0.51	BDL	0.04	BDL	0.04	0.017646	0.96	BDL	0.17	BDL	0.33	0.00401	0.15	BDL	0.08	BDL	0.04	BDL	0.07	BDL	0.17	BDL	0.15	BDL	0.5	BDL	0.19
4/25/2013 13:30	titan8	111	100	150	401	8230.235	Titan1-164	BDL	0.54	BDL	0.87	BDL	0.21	BDL	0.14	BDL	0.6	BDL	0.05	BDL	0.46	BDL	0.1	BDL	0.51	BDL	0.12	BDL	0.03	0.035969	0.97	BDL	0.16	BDL	0.2	0.002814	0.06	BDL	0.18	BDL	0.18	BDL	0.09	BDL	0.13	BDL	0.34	BDL	0.47	BDL	0.22
4/25/2013 13:31	titan8	112	100	150	397	7100.706	Titan1-164	BDL	0.44	BDL	0.87	BDL	0.2	BDL	0.1	BDL	0.6	BDL	0.03	BDL	0.31	BDL	0.16	BDL	0.54	BDL	0.18	BDL	0.02	0.039805	0.97	BDL	0.19	BDL	0.07	0	0.06	BDL	0.16	BDL	0.11	BDL	0.12	BDL	0.26	BDL	0.36	BDL	0.45	BDL	0.28
4/25/2013 13:32	titan8	113	100	150	397	4726.235	Titan1-164	BDL	0.32	BDL	0.87	BDL	0.22	BDL	0.09	BDL	0.6	BDL	0.03	BDL	0.18	BDL	0.38	BDL	0.44	BDL	0.18	BDL	0.05	0.036126	0.96	BDL	0.17	BDL	0.22	0	0.11	BDL	0.17	BDL	0.36	BDL	0.03	BDL	0.27	BDL	0.22	BDL	0.37	BDL	0.22
4/25/2013 13:33	titan8	114	100	150	399	9223.585	Titan1-164	BDL	0.39	BDL	0.87	BDL	0.19	BDL	0.09	BDL	0.6	BDL	0.01	BDL	0.09	BDL	0.09	BDL	0.47	BDL	0.13	BDL	0.02	0.029982	0.97	BDL	0.19	BDL	0.18	0.003593	0.08	BDL	0.29	BDL	0.29	BDL	0.02	BDL	0.42	BDL	0.45	BDL	0.43	BDL	0.07
4/25/2013 13:34	titan8	115	100	150	400	9215.698	Titan1-164	BDL	0.39	BDL	0.87	BDL	0.22	BDL	0.1	BDL	0.6	BDL	0.01	BDL	0.16	BDL	0.22	BDL	0.51	BDL	0.11	BDL	0	0.030196	0.98	BDL	0.2	BDL	0.5	0.002327	0.05	BDL	0.19	BDL	0.22	BDL	0.04	BDL	0.38	BDL	0.46	BDL	0.34	BDL	0.24
4/25/2013 13:35	titan8	116	100	150	400	12290.83	Titan1-164	BDL	0.4	BDL	0.87	BDL	0.21	BDL	0.12	BDL	0.7	BDL	0.01	BDL	0.47	BDL	0.14	BDL	0.43	BDL	0.15	BDL	0	0.026866	0.98	BDL	0.22	BDL	0.6	0.001596	0.02	BDL	0.22	BDL	0.18	BDL	0.02	BDL	0.31	BDL	0.45	BDL	0.46	BDL	0.31
4/25/2013 13:36	titan8	117	100	150	401	12691.5	Titan1-164	BDL	0.4	BDL	0.87	BDL	0.24	BDL	0.15	BDL	0.6	BDL	0.01	BDL	0.42	BDL	0.1	BDL	0.48	BDL	0.13	BDL	0.02	0.034628	0.98	BDL	0.2	BDL	0.61	0.002365	0.04	BDL	0.22	BDL	0.19	BDL	0.05	BDL	0.38	BDL	0.38	BDL	0.43	BDL	0.41
4/25/2013 13:37	titan8	118	100	150	397	12005.73	Titan1-164	BDL	0.39	BDL	0.87	BDL	0.21	BDL	0.13	BDL	0.6	BDL	0.02	BDL	0.42	BDL	0.13	BDL	0.35	BDL	0.12	BDL	0.01	0.015582	0.97	BDL	0.18	BDL	0.29	0	0.02	BDL	0.23	BDL	0.29	BDL	0.12	BDL	0.46	BDL	0.46	BDL	0.58	BDL	0.34
4/25/2013 13:38	titan8	119	100	150	398	12770.93	Titan1-164	BDL	0.4	BDL	0.87	BDL	0.12	BDL	0.14	BDL	0.7	BDL	0.07	BDL	0.37	BDL	0.24	BDL	0.41	BDL	0.13	BDL	0.01	0.009448	0.8	BDL	0.21	BDL	0.61	0.001905	0.03	BDL	0.22	BDL	0.37	BDL	0.23	BDL	0.38	BDL	0.45	BDL	0.7	BDL	0.21
4/25/2013 13:39	titan8	120	100	150	398	12995.31	Titan1-164	BDL	0.37	BDL	0.86	BDL	0.27	BDL	0.13	BDL	0.6	BDL	0.03	BDL	0.46	BDL	0.09	BDL	0.43	BDL	0.12	BDL	0.05	0.025279	0.98	BDL	0.2	BDL	0.64	0.002379	0.03	BDL	0.21	BDL	0.36	BDL	0.1	BDL	0.3	BDL	0.36	BDL	0.64	BDL	0.38
4/25/2013 13:40	titan8	121	100	150	398	10651.7	Titan1-164	BDL	0.39	BDL	0.87	BDL	0.28	BDL	0.12	BDL	0.5	BDL	0.01	BDL	0.35	BDL	0.01	BDL	0.49	BDL	0.13	BDL	0.02	0.047277	0.99	BDL	0.16	BDL	0.6	0.002296	0.04	BDL	0.23	BDL	0.22	BDL	0.12	BDL	0.52	BDL	0.36	BDL	0.64	BDL	0.27
4/25/2013 13:41	titan8	122	100	150	399	10669.69	Titan1-164	BDL	0.34	BDL	0.88	BDL	0.3	BDL	0.1	BDL	0.4	BDL	0.02	BDL	0.43	BDL	0.02	BDL	0.46	BDL	0.12	BDL	0.07	0.10399	0.99	BDL	0.21	BDL	0.59	0	0.06	BDL	0.21	BDL	0.13	BDL	0.08	BDL	0.47	BDL	0.45	BDL	0.73	BDL	0.36
4/25/2013 13:42	titan8	123	100	150	400	12949.23	Titan1-164	BDL	0.37	BDL	0.87	BDL	0.19	BDL	0.18	BDL	0.7	BDL	0.01	BDL	0.44	BDL	0.01	BDL	0.35	BDL	0.12	BDL	0.06	0.023452	0.97	BDL	0.21	BDL	0.6	0	0.04	BDL	0.22	BDL	0.18	BDL	0.09	BDL	0.39	BDL	0.42	BDL	0.41	BDL	0.35
4/25/2013 13:43	titan8	124	100	150	401	13077.95	Titan1-164	BDL	0.34	BDL	0.88	BDL	0.29	BDL	0.16	BDL	0.3	BDL	0.01	BDL	0.23	BDL	0.38	BDL	0.46	BDL	0.13	0.004417	0.77	0.069368	0.98	BDL	0.47	BDL	0.6	0	0.09	BDL	0.25	BDL	0.15	BDL	0.08	BDL	0.32	BDL	0.55	BDL	0.3	BDL	0.4
4/25/2013 13:44	titan8	125	100	150	397	12982.11	Titan1-164	BDL	0.35	BDL	0.89	BDL	0.6	BDL	0.11	BDL	0.1	BDL	0.06	BDL	0.38	BDL	0.1	BDL	0.45	BDL	0.13	0.001245	0.35	0.019074	0.98	BDL	0.21	BDL	0.63	0.002995	0.08	BDL	0.24	BDL	0.21	BDL	0.07	BDL	0.24	BDL	0.3	BDL	0.67	BDL	0.27
4/25/2013 13:45	titan8	126	100	150	397	12617.68	Titan1-164	BDL	0.39	BDL	0.9	BDL	0.59	BDL	0.15	BDL	0.7	BDL	0.06	BDL	0.38	BDL	0.04	BDL	0.4	BDL	0.1	0.005216	0.19	0.033504	0.96	BDL	0.15	BDL	0.56	0	0.09	BDL	0.28	BDL	0.28	BDL	0.18	BDL	0.37	BDL	0.3	BDL	0.77	BDL	0.17
4/25/2013 13:46	titan8	127	100	150	401	5678.241	Titan1-164	BDL	0.26	BDL	0.87	BDL	0.54	BDL	0.14	BDL	0.4	BDL	0.11	BDL	0.35	BDL	0.16	BDL	0.43	BDL	0.07	0.003922	0.23	0.063187	0.96	BDL	0.15	BDL	0.54	0	0.21	BDL	0.29	BDL	0.23	BDL	0.07	BDL	0.41	BDL	0.47	BDL	0.34	BDL	0.33
4/25/2013 13:47	titan8	128	100	150	399	8642.784	Titan1-164	BDL	0.36	BDL	0.9	BDL	0.5	BDL	0.13	BDL	0.4	BDL	0.05	BDL	0.41	BDL	0.1	BDL	0.55	BDL	0.09	0.005459	0.27	0.103389	0.98	BDL	0.2	BDL	0.57	0	0.11	BDL	0.39	BDL	0.29	BDL	0.01	BDL	0.19	BDL	0.45	BDL	0.43	BDL	0.29
4/25/2013 13:48	titan8	129	100	150	397	10813.88	Titan1-164	BDL	0.33	BDL	0.89	BDL	0.52	BDL	0.18	BDL	0.2	BDL	0.02	BDL	0.38	BDL	0.1	BDL	0.38	BDL	0.1	0.004022	0.31	0.084419	0.98	BDL	0.2	BDL	0.61	0	0.16	BDL	0.3	BDL	0.35	BDL	0.08	BDL	0.58	BDL	0.58	BDL	0.48	BDL	0.3
4/25/2013 13:49	titan8	130	100	150	397	10799.05	Titan1-164	BDL	0.38	BDL	0.88	BDL	0.39	BDL	0.22	BDL	0	BDL	0.01	BDL	0.34	BDL	0.01	BDL	0.5	BDL	0.11	0.002848	0.59	0.0658	0.98	BDL	0.17	BDL	0.67	0.00225	0.03	BDL	0.29	BDL	0.22	BDL	0.05	BDL	0.36	BDL	0.55	BDL	0.4	BDL	0.29
4/25/2013 13:50	titan8	131	100	150	397	3691.735	Titan1-164	BDL	0.33	BDL	0.89	BDL	0.4	BDL	0.08	BDL	0.1	BDL	0.06	BDL	0.32	BDL	0.18	BDL	0.4	BDL	0.11	0.004511	0.3	0.110669	0.97	BDL	0.17	BDL	0.58	0	0.19	BDL	0.3	BDL	0.11	BDL	0.19	BDL	0.45	BDL	0.5	BDL	0.26	BDL	0.35
4/25/2013 13:51	titan8	132	100	150	401	5445.186	Titan1-164	BDL	0.4	BDL	0.88	BDL	0.32	BDL	0.13	BDL	0.1	BDL	0.02	BDL	0.34	BDL	0.06	BDL	0.51	BDL	0.09	BDL	0.1	0.04733	0.96	BDL	0.17	BDL	0.62	0	0.06	BDL	0.23	BDL	0.22	BDL	0.12	BDL	0.25	BDL	0.45	BDL	0.27	BDL	0.3
4/25/2013 13:52	titan8	133	100	150	400	7994.284	Titan1-164	BDL	0.42	BDL	0.88	BDL	0.31	BDL	0.07	BDL	0.2	BDL	0.01	BDL	0.4	BDL	0.05	BDL	0.54	BDL	0.1	BDL	0.02	0.043936	0.97	BDL	0.17	BDL	0.63	0	0.04	BDL	0.22	BDL	0.26	BDL	0.22	BDL	0.64	BDL	0.48	BDL	0.56	BDL	0.28
4/25/2013 13:53	titan8	134	100	150	399	9142.423	Titan1-164	BDL	0.39	BDL	0.89	BDL	0.31	BDL	0.11	BDL	0	BDL	0.01	BDL	0.47	BDL	0.1	BDL	0.42	BDL	0.1	BDL	0.32	0.108483	0.98	BDL	0.18	BDL	0.64	0	0.1	BDL	0.26	BDL	0.25	BDL	0.31	BDL	0.24	BDL	0.51	BDL	0.74	BDL	0.35
4/25/2013 13:54	titan8	135	100	150	397	4428.142	Titan1-164	BDL	0.36	BDL	0.89	BDL	0.36	BDL	0.12	BDL	0	BDL	0.01	BDL	0.32	BDL	0.04	BDL	0.44	BDL	0.1	BDL	0.06	0.109723	0.98	BDL	0.17	BDL	0.56	0	0.07	BDL	0.36	BDL	0.2	BDL	0.38	BDL	0.58	BDL	0.58	BDL	0.58	BDL	0.42
4/25/2013 13:56	titan8	136	100	150	397	11301.51	Titan1-164	BDL	0.26	BDL	0.94	BDL	0.23	BDL	0.07	BDL	0.9	BDL	0.62	BDL	0.2	BDL	0.62	BDL	0.66	BDL	0.33	BDL	0.09	0.053962	0.67	BDL	0.19	BDL	0.03	0	0.43	BDL	0.63	BDL	0.34	BDL	0.13	BDL	0.06	BDL	0.2	BDL	0.44	BDL	0.18
4/25/2013 13:57	titan8	137	100	150	398	11526.86	Titan1-164	BDL	0.36	BDL	0.93	BDL	0.7	BDL	0.09	BDL	0.8	BDL	0.07	BDL	0.37	BDL	0.2	BDL	0.41	BDL	0.43	BDL	0.16	0.046154	0.89	BDL	0.19	BDL	0.59	0	0.22	BDL	0.41	BDL	0.15	BDL	0.08	BDL	0.17	BDL	0.38	BDL	0.36	BDL	0.37
4/25/2013 13:58	titan8	138	100	150	401	10942.05	Titan1-164	BDL	0.41	BDL	0.9	BDL	0.67	BDL	0.05	BDL	0.1	BDL	0.05	BDL	0.38	BDL	0.11	BDL	0.51	BDL	0.09	BDL	0.6	0.033805	0.97	BDL	0.22	BDL	0.61	0	0.08	BDL	0.3	BDL	0.23	BDL	0.07	BDL	0.39	BDL	0.38	BDL	0.39	BDL	0.29
4/25/2013 13:59	titan8	139	100	150	399	11657.92	Titan1-164	BDL	0.33	BDL	0.91	BDL	0.61	BDL	0.08	BDL	0.7	BDL	0.04	BDL	0.42	BDL	0.21	BDL	0.54	BDL	0.06	BDL	0.21	0.068987	0.95	BDL	0.18	BDL	0.59	0	0.3	BDL	0.37	BDL	0.27	BDL	0.03	BDL	0.33	BDL	0.51	BDL	0.45	BDL	0.21
4/25/2013 14:00	titan8	140	100	150	401	11595.92	Titan1-164	BDL	0.37	BDL	0.9	BDL	0.57	BDL	0.12	BDL	0.3	BDL	0.05	BDL	0.16	BDL	0.23	BDL	0.51	BDL	0.06	BDL	0.48	0.029176	0.96	BDL	0.19	BDL	0.59	0.001836	0.03	BDL	0.34	BDL	0.44	BDL	0.23	BDL	0.36	BDL	0.52	BDL	0.58	BDL	0.15
4/25/2013 14:01	titan8	141	100	150	397	11953.98	Titan1-164	BDL	0.52	BDL	0.89	BDL	0.62	BDL	0.15	BDL	0.5	BDL	0.06	BDL	0.18	BDL	0.11	BDL	0.51	BDL	0.07	BDL	0.23	0.042278	0.96	BDL	0.18	BDL	0.59	0.004647	0.11	BDL	0.32	BDL	0.23	BDL	0.31	BDL	0.46	BDL	0.05	BDL	0.44	BDL	0.17
4/25/2013 14:02	titan8	142	100	150	397	12547.28	Titan1-164	BDL	0.33	BDL	0.92	BDL	0.63	BDL	0.08	BDL	0.8	BDL	0.13	BDL	0.31	BDL	0.15	BDL	0.44	BDL	0.1	BDL	0.12	0.057782	0.92	BDL	0.2	BDL	0.52	0	0.19	BDL	0.37	BDL	0.38	BDL	0.15	BDL	0.31	BDL	0.86	BDL	0.22	BDL	0.22
4/25/2013 14:03	titan8	143	100	150	399	13219.61	Titan1-164	BDL	0.25	BDL	0.92	BDL	0.58	BDL	0.19	BDL	0.7	BDL	0.1	BDL	0.41	BDL	0.26	BDL	0.58	BDL	0.09	BDL	0.13	0.112029	0.96	BDL	0.21	BDL	0.57	0	0.43	BDL	0.36	BDL	0.24	BDL	0.31	BDL	0.22	BDL	0.52	BDL	0.41	BDL	0.24
4/25/2013 14:04	titan8	144	100	150	401	13155.62	Titan1-164	BDL	0.23	BDL	0.91	BDL	0.54	BDL	0.14	BDL	0.8	BDL	0.11	BDL	0.35	BDL	0.15	BDL	0.46	BDL	0.12	BDL	0.19	0.041084	0.97	BDL	0.19	BDL	0.59	0	0.34	BDL	0.37	BDL	0.44	BDL	0.23	BDL	0.36	BDL	0.45	BDL	0.33	BDL	0.34
4/25/2013 14:05	titan8	145	100	150	400	13159.98	Titan1-164	BDL	0.28	BDL	0.9	BDL	0.43	BDL	0.13	BDL	0.8	BDL	0.08	BDL	0.43	BDL	0.18	BDL	0.37	BDL	0.41	BDL	0.15	0.058239	0.96	BDL	0.21	BDL	0.61	0	0.41	BDL	0.42	BDL	0.38	BDL	0.02	BDL	0.46	BDL	0.46	BDL	0.66	BDL	0.27
4/25/2013 14:06	titan8	146	100	150	398	12636.24	Titan1-164	BDL	0.08	BDL	0.94	BDL	0.11	BDL	0.13	BDL	0.9	BDL	0.31	BDL	0.18	BDL	0.27	BDL	0.57	BDL	0.43	BDL	0.08	0.041006	0.96	BDL	0.21	BDL	0.24	0	0.4	BDL	0.68	BDL	0.23	BDL	0.18	BDL	0.09	BDL	0.03	BDL	0.38	BDL	0.45
4/25/2013 14:07	titan8	147	100	150	398	12266.22	Titan1-164	BDL	0.37	BDL	0.29	BDL	0.67	BDL	0.06	BDL	0.7	BDL	0.69	BDL	0.72	BDL	0.17	BDL	0.25	BDL	0.37	BDL	0.07	0.019082	0.11	BDL	0.27	BDL	0.27	0	0.39	BDL	0.71	BDL	0.42	BDL	0.35	BDL	0.29	BDL	0.41	BDL	0.7	BDL	0.43
4/25/2013 14:08	titan8	148	100	150	397	12746.55	Titan1-164	BDL	0.12	BDL	0.8	BDL	0.06	BDL	0.14	BDL	0.9	BDL	0.8	BDL	0.1	BDL	0.18	BDL	0.61	BDL	0.46	BDL	0.01	0.029315	0.33	BDL	0.17	BDL	0.07	0	0.52	BDL	0.61	BDL	0.48	BDL	0.24	0.079803	0.91	BDL	0.44	BDL	0.42	BDL	0.43
4/25/2013 14:09	titan8	149	100	150	400	12653.96	Titan1-164	BDL	0.32	BDL	0.9	BDL	0.59	BDL	0.13	BDL	0.8	BDL	0.18	BDL	0.07	BDL	0.03	BDL	0.5	BDL	0.4	BDL	0.02	0.02783	0.92	BDL	0.19	BDL	0.05	0	0.45	BDL	0.45	BDL	0.29	BDL	0.23	BDL	0.13	BDL	0.04	BDL	0.42	BDL	0.36
4/25/2013 14:10	titan8	150	100	150	397	11988.07	Titan1-164	BDL	0.03	BDL	0.95	BDL	0.2	BDL	0.12	BDL	0.9	BDL	0.57	BDL	0.06	BDL	0.57	BDL	0.26	BDL	0.41	BDL	0.12	0.026374	0.65	BDL	0.2	BDL	0.02	0	0.11	BDL	0.57	BDL	0.44	BDL	0.12	BDL	0.12	BDL	0.22	BDL	0.23	BDL	0.3
4/25/2013 14:11	titan8	151	100	150	398	11481.23	Titan1-164	BDL	0.28	BDL	0.97	BDL	0.21	BDL	0.2	BDL	0.8	BDL	0.55	BDL	0.16	BDL	0.14	BDL	0.56	BDL	0.2	BDL	0.14	0.023858	0.64	BDL	0.22	BDL	0.03	0	0.02	BDL	0.61	BDL	0.39	BDL	0.02	BDL	0.1	BDL	0.35	BDL	0.68	BDL	0.52
4/25/2013 14:12	titan8	152	100	150	397	10871.64	Titan1-164	BDL	0.06	BDL	0.91	BDL	0.13	BDL	0.08	BDL	0.9	BDL	0.77	BDL	0.17	BDL	0.3	BDL	0.49	BDL	0.34	BDL	0.11	0.035231	0.66	BDL	0.18	BDL	0.04	0	0.17	BDL	0.58	BDL	0.51	BDL	0.17	0.00817	0.28	BDL	0.09	BDL	0.55	BDL	0.31
4/25/2013 14:13	titan8	153	100	150	400	12302.93	Titan1-164	BDL	0.02	BDL	0.88	BDL	0.06	BDL	0.15	BDL	0.9	BDL	0.65	BDL	0.28	BDL	0.33	BDL	0.52	BDL	0.43	BDL	0.04	0.035108	0.52	BDL	0.21	BDL	0.05	0	0.06	BDL	0.68	BDL	0.18	BDL	0.14	BDL	0.05	BDL	0.02	BDL	0.42	BDL	0.33
4/25/2013 14:14	titan8	154	100	150	397	12295.62	Titan1-164	BDL	0.32	BDL	0.92	BDL	0.61	BDL	0.16	BDL	0.7	BDL	0.15	BDL	0.38	BDL	0.25	BDL	0.54	BDL	0.04	BDL	0.24	0.067396	0.96	BDL	0.24	BDL	0.57	0	0.1	BDL	0.41	BDL	0.15	BDL	0.26	BDL	0.15	BDL	0.43	BDL	0.58	BDL	0.28
4/25/2013 14:15	titan8	155	100	150	398	12320.7	Titan1-164	BDL	0.35	BDL	0.91	BDL	0.18	BDL	0.17	BDL	0.7	BDL	0.14	BDL	0.37	BDL	0.25	BDL	0.52	BDL	0.07	BDL	0.39	0.029095	0.92	BDL	0.22	BDL	0.64	0	0.08	BDL	0.31	BDL	0.17	BDL	0.43	BDL	0.27	BDL	0.47	BDL	0.47	BDL	0.18

Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
							Maximum:	0	0.6	0	0.57	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.252081	0.59	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.52	0	0.82	0.162574	0.92	0	0.59	0	0.96	0	0.58
							Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/25/2013 14:16	titan8	156	100	150	399	12399.35	Titan1-164	BDL	0.29	BDL	0.93	BDL	0.64	BDL	0.18	BDL	0.8	BDL	0.1	BDL	0.45	BDL	0.38	BDL	0.56	BDL	0.05	BDL	0.25	0.039426	0.9	BDL	0.21	BDL	0.58	0	0.27	BDL	0.43	BDL	0.27	BDL	0.38	BDL	0.21	BDL	0.52	BDL	0.39	BDL	0.19
4/25/2013 14:17	titan8	157	100	150	397	12252.98	Titan1-164	BDL	0.31	BDL	0.95	BDL	0.46	BDL	0.24	BDL	0.8	BDL	0.25	BDL	0.43	BDL	0.4	BDL	0.6	BDL	0.02	BDL	0.19	0.044884	0.78	BDL	0.23	BDL	0.49	0	0.48	BDL	0.44	BDL	0.34	BDL	0.34	BDL	0.06	BDL	0.56	BDL	0.61	BDL	0.09
4/25/2013 14:18	titan8	158	100	150	401	13661.1	Titan1-164	BDL	0.15	BDL	0.67	BDL	0.2	BDL	0.08	BDL	0.8	BDL	0.7	BDL	0.39	BDL	0.09	BDL	0.54	BDL	0.18	BDL	0.16	0.067277	0.68	BDL	0.24	BDL	0.07	0	0.44	BDL	0.57	BDL	0.19	BDL	0.12	BDL	0.04	BDL	0.01	BDL	0.48	BDL	0.33
4/25/2013 14:19	titan8	159	100	150	397	13581.89	Titan1-164	BDL	0.03	BDL	0.94	BDL	0.64	BDL	0.12	BDL	0.8	BDL	0.45	BDL	0.31	BDL	0.05	BDL	0.61	BDL	0.17	BDL	0.18	0.094875	0.91	BDL	0.26	BDL	0.05	0	0.28	BDL	0.59	BDL	0.24	BDL	0.14	BDL	0.11	BDL	0.08	BDL	0.37	BDL	0.1
4/25/2013 14:20	titan8	160	100	150	397	13749.81	Titan1-164	BDL	0.05	BDL	0.93	BDL	0.67	BDL	0.43	BDL	0.8	BDL	0.45	BDL	0.23	BDL	0.08	BDL	0.56	BDL	0.05	BDL	0.16	0.086623	0.94	BDL	0.23	BDL	0.36	0	0.16	BDL	0.55	BDL	0.26	BDL	0.09	BDL	0.15	BDL	0.03	BDL	0.4	BDL	0.06
4/25/2013 14:21	titan8	161	100	150	396	14404.64	Titan1-164	BDL	0.04	BDL	0.93	BDL	0.67	BDL	0.29	BDL	0.8	BDL	0.3	BDL	0.35	BDL	0.07	BDL	0.56	BDL	0.01	BDL	0.19	0.078238	0.94	BDL	0.26	BDL	0.41	0	0.14	BDL	0.5	BDL	0.41	BDL	0.2	BDL	0.09	BDL	0.02	BDL	0.45	BDL	0.09
4/25/2013 14:22	titan8	162	100	150	400	10233.82	Titan1-164	BDL	0.16	BDL	0.92	BDL	0.7	BDL	0.26	BDL	0.8	BDL	0.17	BDL	0.33	BDL	0.08	BDL	0.56	BDL	0.02	BDL	0.22	0.060629	0.94	BDL	0.25	BDL	0.52	0	0.18	BDL	0.52	BDL	0.32	BDL	0.14	BDL	0.08	BDL	0.03	BDL	0.26	BDL	0.2
4/25/2013 14:23	titan8	163	100	150	399	6479.112	Titan1-164	BDL	0.14	BDL	0.92	BDL	0.67	BDL	0.25	BDL	0.8	BDL	0.21	BDL	0.39	BDL	0.12	BDL	0.42	BDL	0.02	BDL	0.19	0.088347	0.94	BDL	0.21	BDL	0.5	0	0.44	BDL	0.48	BDL	0.32	BDL	0.09	BDL	0.14	BDL	0.06	BDL	0.37	BDL	0.17
4/25/2013 14:24	titan8	164	100	150	397	5244.855	Titan1-164	BDL	0.09	BDL	0.91	BDL	0.63	BDL	0.09	BDL	0.7	BDL	0.39	BDL	0.23	BDL	0.13	BDL	0.43	BDL	0.01	BDL	0.17	0.093635	0.96	BDL	0.23	BDL	0.35	0	0.15	BDL	0.38	BDL	0.31	BDL	0.12	BDL	0.15	BDL	0.04	BDL	0.58	BDL	0.08
4/25/2013 14:26	titan8	165	100	150	398	2541.718	Titan1-164	BDL	0.32	BDL	0.85	BDL	0.47	BDL	0.09	BDL	0.8	BDL	0.22	BDL	0.18	BDL	0.07	BDL	0.19	BDL	0.1	BDL	0.13	0.069895	0.89	BDL	0.15	BDL	0.31	0	0.21	BDL	0.02	BDL	0.22	BDL	0.05	BDL	0.08	BDL	0.46	BDL	0.56	BDL	0.11
4/25/2013 14:27	titan8	166	100	150	397	1789.101	Titan1-164	BDL	0.01	BDL	0.82	BDL	0.55	BDL	0.06	BDL	0.9	BDL	0.25	BDL	0.2	BDL	0.12	BDL	0.17	BDL	0.01	BDL	0.11	0.085646	0.86	BDL	0.08	BDL	0.09	0	0.26	BDL	0.17	BDL	0.15	BDL	0.02	BDL	0.19	BDL	0.19	BDL	0.3	BDL	0.08
4/25/2013 14:28	titan8	167	100	150	399	2687.176	Titan1-164	BDL	0.2	BDL	0.85	BDL	0.49	BDL	0.1	BDL	0.8	BDL	0.28	BDL	0.05	BDL	0.09	BDL	0.2	BDL	0.09	BDL	0.14	0.059845	0.89	BDL	0.09	BDL	0.09	0	0.08	BDL	0.12	BDL	0.17	BDL	0.07	BDL	0.15	BDL	0.4	BDL	0.69	BDL	0.09
4/25/2013 14:29	titan8	168	100	150	397	2568.85	Titan1-164	BDL	0.31	BDL	0.84	BDL	0.31	BDL	0.18	BDL	0.8	BDL	0.22	BDL	0.37	BDL	0.06	BDL	0.21	BDL	0.1	BDL	0.18	0.029761	0.82	BDL	0.02	BDL	0.44	0	0.02	BDL	0	BDL	0.09	BDL	0.08	BDL	0.05	BDL	0.59	BDL	0.49	BDL	0.22
4/25/2013 14:30	titan8	169	100	150	400	2573.287	Titan1-164	BDL	0.03	BDL	0.82	BDL	0.52	BDL	0.19	BDL	0.5	BDL	0.11	BDL	0.03	BDL	0.09	BDL	0.23	BDL	0.07	BDL	0.27	0.137932	0.96	BDL	0.13	BDL	0.08	0	0.08	BDL	0.1	BDL	0.17	BDL	0.07	BDL	0.15	BDL	0.43	BDL	0.58	BDL	0.07
4/25/2013 14:35	titan8	174	100	150	398	4925.535	Titan1-164	BDL	0.1	BDL	0.59	BDL	0.53	BDL	0.16	BDL	0.8	BDL	0.32	BDL	0.09	BDL	0.04	BDL	0.19	BDL	0.1	BDL	0.09	0.072465	0.92	BDL	0.16	BDL	0.06	0	0.05	BDL	0.13	BDL	0.15	BDL	0.12	BDL	0.27	BDL	0.89	BDL	0.34	BDL	0.16
4/25/2013 14:36	titan8	175	100	150	397	3066.373	Titan1-164	BDL	0.19	BDL	0.62	BDL	0.59	BDL	0.1	BDL	0.8	BDL	0.24	BDL	0.31	BDL	0.09	BDL	0.18	BDL	0.13	BDL	0.11	0.059405	0.89	BDL	0.14	BDL	0.42	0.004907	0.06	BDL	0.01	BDL	0.02	BDL	0.18	BDL	0.07	BDL	0.82	BDL	0.59	BDL	0.12
4/25/2013 14:37	titan8	176	100	150	400	4138.359	Titan1-164	BDL	0.09	BDL	0.73	BDL	0.45	BDL	0.21	BDL	0.6	BDL	0.31	BDL	0.27	BDL	0.06	BDL	0.24	BDL	0.11	BDL	0.16	0.114247	0.97	BDL	0.17	BDL	0.25	0.002682	0.03	BDL	0.03	BDL	0.08	BDL	0.06	BDL	0.26	BDL	0.91	BDL	0.28	BDL	0.08
4/25/2013 14:38	titan8	177	100	150	396	5805.581	Titan1-164	BDL	0.14	BDL	0.78	BDL	0.61	BDL	0.3	BDL	0.8	BDL	0.37	BDL	0.31	BDL	0.16	BDL	0.32	BDL	0.13	BDL	0.22	0.06571	0.96	BDL	0.2	BDL	0.42	0.003593	0.05	BDL	0.01	BDL	0.19	BDL	0.14	BDL	0.17	BDL	0.95	BDL	0.43	BDL	0.28
4/25/2013 14:39	titan8	178	100	150	400	5705.228	Titan1-164	BDL	0.16	BDL	0.69	BDL	0.52	BDL	0.25	BDL	0.8	BDL	0.4	BDL	0.41	BDL	0.22	BDL	0.25	BDL	0.11	BDL	0.14	0.086228	0.96	BDL	0.16	BDL	0.53	0.006099	0.15	BDL	0.1	BDL	0.1	BDL	0.12	BDL	0.39	BDL	0.93	BDL	0.57	BDL	0.24
4/25/2013 14:40	titan8	179	100	150	397	4328.054	Titan1-164	BDL	0.13	BDL	0.76	BDL	0.51	BDL	0.2	BDL	0.7	BDL	0.31	BDL	0.36	BDL	0.08	BDL	0.27	BDL	0.1	BDL	0.14	0.07355	0.96	BDL	0.18	BDL	0.44	0.004121	0.06	BDL	0.08	BDL	0.06	BDL	0.08	BDL	0.05	BDL	0.94	BDL	0.38	BDL	0.09
4/25/2013 14:41	titan8	180	100	150	401	5868.236	Titan1-164	BDL	0.15	BDL	0.72	BDL	0.56	BDL	0.21	BDL	0.8	BDL	0.16	BDL	0.38	BDL	0.28	BDL	0.25	BDL	0.06	BDL	0.19	0.059316	0.96	BDL	0.16	BDL	0.55	0.006016	0.14	BDL	0.21	BDL	0.18	BDL	0.18	BDL	0.15	BDL	0.95	BDL	0.31	BDL	0.26
4/25/2013 14:42	titan8	181	100	150	397	5684.031	Titan1-164	BDL	0.12	BDL	0.76	BDL	0.55	BDL	0.23	BDL	0.7	BDL	0.34	BDL	0.4	BDL	0.3	BDL	0.33	BDL	0.09	BDL	0.32	0.041507	0.96	BDL	0.17	BDL	0.46	0.004144	0.07	BDL	0.11	BDL	0.12	BDL	0.13	BDL	0.14	BDL	0.96	BDL	0.32	BDL	0.2
4/25/2013 14:43	titan8	182	100	150	398	3795.575	Titan1-164	BDL	0.17	BDL	0.8	BDL	0.52	BDL	0.1	BDL	0.5	BDL	0.15	BDL	0.46	BDL	0.16	BDL	0.3	BDL	0.11	BDL	0.09	0.009919	0.71	BDL	0.1	BDL	0.54	0.006852	0.17	BDL	0.11	BDL	0.16	BDL	0.11	BDL	0.05	BDL	0.91	BDL	0.31	BDL	0.2
4/25/2013 14:44	titan8	183	100	150	401	3333.891	Titan1-164	BDL	0.23	BDL	0.8	BDL	0.71	BDL	0.14	BDL	0.7	BDL	0.14	BDL	0.44	BDL	0.04	BDL	0.29	BDL	0.07	BDL	0.19	0.01435	0.7	BDL	0.02	BDL	0.55	0.008082	0.2	BDL	0.08	BDL	0.07	BDL	0.18	BDL	0.06	BDL	0.85	BDL	0.32	BDL	0.2
4/25/2013 14:45	titan8	184	100	150	400	3870.003	Titan1-164	BDL	0.17	BDL	0.77	BDL	0.51	BDL	0.27	BDL	0.7	BDL	0.06	BDL	0.46	BDL	0.13	BDL	0.28	BDL	0.06	BDL	0.17	0.042882	0.95	BDL	0.16	BDL	0.54	0.008333	0.18	BDL	0.16	BDL	0.17	BDL	0.13	BDL	0.11	BDL	0.41	BDL	0.92	BDL	0.41
4/25/2013 14:46	titan8	185	100	150	401	4428.215	Titan1-164	BDL	0.14	BDL	0.79	BDL	0.51	BDL	0.19	BDL	0.3	BDL	0.18	BDL	0.42	BDL	0.03	BDL	0.29	BDL	0.1	BDL	0.28	0.083716	0.96	BDL	0.19	BDL	0.47	0.003588	0.04	BDL	0.05	BDL	0.04	BDL	0.11	BDL	0.16	BDL	0.9	BDL	0.32	BDL	0.17
4/25/2013 14:47	titan8	186	100	150	398	4915.556	Titan1-164	BDL	0.16	BDL	0.73	BDL	0.58	BDL	0.22	BDL	0.8	BDL	0.39	BDL	0.4	BDL	0.15	BDL	0.25	BDL	0.11	BDL	0.25	0.06689	0.95	BDL	0.16	BDL	0.45	0.002917	0.03	BDL	0.04	BDL	0.08	BDL	0.24	BDL	0.08	BDL	0.93	BDL	0.41	BDL	0.34
4/25/2013 14:48	titan8	187	100	150	397	5311.517	Titan1-164	BDL	0.18	BDL	0.75	BDL	0.64	BDL	0.16	BDL	0.8	BDL	0.34	BDL	0.43	BDL	0.36	BDL	0.3	BDL	0.09	BDL	0.29	0.032375	0.94	BDL	0.16	BDL	0.55	0.010488	0.29	BDL	0.17	BDL	0.2	BDL	0.02	BDL	0.08	BDL	0.94	BDL	0.3	BDL	0.34
4/25/2013 14:49	titan8	188	100	150	397	5968.234	Titan1-164	BDL	0.14	BDL	0.76	BDL	0.61	BDL	0.18	BDL	0.7	BDL	0.25	BDL	0.42	BDL	0.25	BDL	0.32	BDL	0.09	BDL	0.26	0.044794	0.96	BDL	0.15	BDL	0.56	0.007418	0.17	BDL	0.2	BDL	0.09	BDL	0.11	BDL	0.14	BDL	0.96	BDL	0.15	BDL	0.32
4/25/2013 14:50	titan8	189	100	150	397	5926.352	Titan1-164	BDL	0.12	BDL	0.78	BDL	0.54	BDL	0.37	BDL	0.6	BDL	0.39	BDL	0.42	BDL	0.33	BDL	0.32	BDL	0.11	BDL	0.3	0.074624	0.97	BDL	0.18	BDL	0.38	0.00452	0.08	BDL	0.07	BDL	0.28	BDL	0.27	BDL	0.21	BDL	0.97	BDL	0.58	BDL	0.23
4/25/2013 14:51	titan8	190	100	150	399	3883.976	Titan1-164	BDL	0.13	BDL	0.77	BDL	0.56	BDL	0.25	BDL	0.7	BDL	0.52	BDL	0.43	BDL	0.45	BDL	0.3	BDL	0.12	BDL	0.21	0.081749	0.97	BDL	0.16	BDL	0.47	0.008651	0.2	BDL	0.07	BDL	0.21	BDL	0.12	BDL	0.09	BDL	0.96	BDL	0.21	BDL	0.31
4/25/2013 14:52	titan8	191	100	150	401	6008.272	Titan1-164	BDL	0.13	BDL	0.81	BDL	0.58	BDL	0.31	BDL	0.2	BDL	0.27	BDL	0.39	BDL	0.28	BDL	0.36	BDL	0.12	BDL	0.4	0.057246	0.97	BDL	0.19	BDL	0.48	0.005209	0.14	BDL	0.15	BDL	0.21	BDL	0.19	BDL	0.04	BDL	0.96	BDL	0.21	BDL	0.21
4/25/2013 17:27	titan9	1	100	111	540	14200.39	Titan1-164	BDL	0.3	BDL	0.87	BDL	0.06	BDL	0.31	BDL	0.7	BDL	0.13	BDL	0.45	BDL	0.53	BDL	0.34	BDL	0.1	BDL	0.03	BDL	0.01	BDL	0.09	BDL	0.51	0.012891	0.45	BDL	0.21	BDL	0.12	BDL	0.08	BDL	0.08	BDL	0.7	BDL	0.18	BDL	0.35
4/25/2013 17:28	titan9	2	100	111	537	14142.04	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.05	BDL	0.27	BDL	0.7	BDL	0.11	BDL	0.45	BDL	0.53	BDL	0.34	BDL	0.09	BDL	0.03	BDL	0	BDL	0.08	BDL	0.52	0.013227	0.46	BDL	0.22	BDL	0.26	BDL	0.08	BDL	0.08	BDL	0.71	BDL	0.26	BDL	0.31
4/25/2013 17:29	titan9	3	100	111	537	13842.38	Titan1-164	BDL	0.3	BDL	0.87	BDL	0.08	BDL	0.37	BDL	0.7	BDL	0.09	BDL	0.44	BDL	0.56	BDL	0.41	BDL	0.1	BDL	0.03	BDL	0	BDL	0.07	BDL	0.52	0.011993	0.43	BDL	0.25	BDL	0.33	BDL	0.08	BDL	0.05	BDL	0.71	BDL	0.42	BDL	0.39
4/25/2013 17:30	titan9	4	100	111	537	13811.26	Titan1-164	BDL	0.31	BDL	0.87	BDL	0.07	BDL	0.35	BDL	0.7	BDL	0.03	BDL	0.45	BDL	0.58	BDL	0.36	BDL	0.1	BDL	0.03	BDL	0	BDL	0.05	BDL	0.52	0.011519	0.4	BDL	0.22	BDL	0.18	BDL	0.02	BDL	0.05	BDL	0.7	BDL	0.24	BDL	0.31
4/25/2013 17:31	titan9	5	100	111	537	13923.54	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.06	BDL	0.31	BDL	0.7	BDL	0.06	BDL	0.44	BDL	0.55	BDL	0.34	BDL	0.1	BDL	0.01	BDL	0.04	BDL	0.1	BDL	0.51	0.012817	0.44	BDL	0.23	BDL	0.36	BDL	0.16	BDL	0.05	BDL	0.72	BDL	0.54	BDL	0.32
4/25/2013 17:32	titan9	6	100	111	537	14101.49	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.06	BDL	0.26	BDL	0.7	BDL	0.1	BDL	0.46	BDL	0.56	BDL	0.29	BDL	0.09	BDL	0.04	BDL	0.02	BDL	0.07	BDL	0.51	0.011688	0.42	BDL	0.22	BDL	0.42	BDL	0.05	BDL	0.05	BDL	0.72	BDL	0.19	BDL	0.35
4/25/2013 17:33	titan9	7	100	111	537	13858	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.06	BDL	0.34	BDL	0.7	BDL	0.1	BDL	0.45	BDL	0.5	BDL	0.38	BDL	0.09	BDL	0.03	BDL	0.01	BDL	0.05	BDL	0.52	0.012272	0.46	BDL	0.25	BDL	0.06	BDL	0.08	BDL	0.05	BDL	0.72	BDL	0.38	BDL	0.33
4/25/2013 17:34	titan9	8	100	111	537	13806.66	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.05	BDL	0.34	BDL	0.7	BDL	0.07	BDL	0.45	BDL	0.57	BDL	0.43	BDL	0.09	BDL	0.04	BDL	0.02	BDL	0.04	BDL	0.49	0.012745	0.48	BDL	0.26	BDL	0.2	BDL	0.26	BDL	0.06	BDL	0.74	BDL	0.22	BDL	0.39
4/25/2013 17:35	titan9	9	100	111	537	13528.61	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.05	BDL	0.43	BDL	0.7	BDL	0.08	BDL	0.44	BDL	0.56	BDL	0.39	BDL	0.09	BDL	0.04	BDL	0.04	BDL	0.08	BDL	0.51	0.012167	0.45	BDL	0.24	BDL	0.21	BDL	0.32	BDL	0.08	BDL	0.74	BDL	0.52	BDL	0.35
4/25/2013 17:36	titan9	10	100	111	537	13454.33	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.06	BDL	0.37	BDL	0.7	BDL	0.12	BDL	0.46	BDL	0.55	BDL	0.43	BDL	0.1	BDL	0.03	BDL	0.02	BDL	0.05	BDL	0.52	0.011816	0.41	BDL	0.22	BDL	0.39	BDL	0.12	BDL	0.04	BDL	0.75	BDL	0.15	BDL	0.34
4/25/2013 17:37	titan9	11	100	111	537	13601.23	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.05	BDL	0.36	BDL	0.7	BDL	0.09	BDL	0.47	BDL	0.49	BDL	0.4	BDL	0.09	BDL	0.05	BDL	0.02	BDL	0.07	BDL	0.51	0.011936	0.46	BDL	0.24	BDL	0.24	BDL	0.08	BDL	0.08	BDL	0.74	BDL	0.36	BDL	0.32
4/25/2013 17:38	titan9	12	100	111	537	13926.79	Titan1-164	BDL	0.27	BDL	0.87	BDL	0.05	BDL	0.3	BDL	0.7	BDL	0.14	BDL	0.45	BDL	0.44	BDL	0.39	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.05	BDL	0.5	0.012098	0.44	BDL	0.22	BDL	0.46	BDL	0.22	BDL	0.05	BDL	0.77	BDL	0.34	BDL	0.39
4/25/2013 17:39	titan9	13	100	111	537	13704.82	Titan1-164	BDL	0.28	BDL	0.87	BDL	0.05	BDL	0.36	BDL	0.7	BDL	0.13	BDL	0.45	BDL	0.54	BDL	0.41	BDL	0.08	BDL	0.02	BDL	0.02	BDL	0.05	BDL	0.51	0.011989	0.46	BDL	0.24	BDL	0.32	BDL	0.29	BDL	0.07	BDL	0.76	BDL	0.32	BDL	0.35
4/25/2013 17:40	titan9	14	100	111	537	13685.62	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.08	BDL	0.34	BDL	0.7	BDL	0.03	BDL	0.44	BDL	0.53	BDL	0.39	BDL	0.09	BDL	0.03	BDL	0.05	BDL	0.03	BDL	0.5	0.01174	0.44	BDL	0.24	BDL	0.17	BDL	0.24	BDL	0.05	BDL	0.75	BDL	0.55	BDL	0.37
4/25/2013 17:41	titan9	15	100	111	537	13756.56	Titan1-164	BDL	0.28	BDL	0.87	BDL	0.05	BDL	0.3	BDL	0.7	BDL	0.13	BDL	0.45	BDL	0.6	BDL	0.42	BDL	0.09	BDL	0.03	BDL	0.01	BDL	0.02	BDL	0.5	0.012807	0.52	BDL	0.25	BDL	0.28	BDL	0.22	BDL	0.04	BDL	0.75	BDL	0.45	BDL	0.36
4/25/2013 17:42	titan9	16	100	111	537	13625.21	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.08	BDL	0.28	BDL	0.7	BDL	0.06	BDL	0.45	BDL	0.59	BDL	0.44	BDL	0.09	BDL	0.03	BDL	0.04	BDL	0.03	BDL	0.51	0.011911	0.49	BDL	0.23	BDL	0.21	BDL	0.11	BDL	0.04	BDL	0.76	BDL	0.3	BDL	0.34
4/25/2013 17:43	titan9	17	100	111	537	13317.93	Titan1-164	BDL	0.28	BDL	0.87	BDL	0.05	BDL	0.27	BDL	0.7	BDL	0.09	BDL	0.45	BDL	0.62	BDL	0.42	BDL	0.08	BDL	0.03	BDL	0.01	BDL	0.09	BDL	0.51	0.01303	0.51	BDL	0.24	BDL	0.11	BDL	0.28	BDL	0.04	BDL	0.78	BDL	0.37	BDL	0.35
4/25/2013 17:44	titan9	18	100	111	537	13463.21	Titan1-164	BDL	0.29	BDL	0.87	BDL	0.06	BDL	0.27	BDL	0.7	BDL	0.03	BDL	0.46	BDL	0.47	BDL	0.44	BDL	0.09	BDL	0.06	BDL	0.01	BDL	0.03	BDL	0.5	0.012968	0.52	BDL	0.24	BDL	0.17	BDL	0.32	BDL	0.04	BDL	0.76	BDL	0.61	BDL	0.34
4/25/2013 17:45	titan9	19	100	111	537	13498.49	Titan1-164	BDL	0.28	BDL	0.87	BDL	0.05	BDL	0.33	BDL	0.7	BDL	0.1	BDL	0.45	BDL	0.64	BDL	0.43	BDL	0.08	BDL	0.03	BDL	0.01	BDL	0.03	BDL	0.51	0.01286	0.52	BDL	0.25	BDL	0.29	BDL	0.47	BDL	0.05	BDL	0.76	BDL	0.3	BDL	0.37
4/25/2013 17:46	titan9	20	100	111	537	13426.57	Titan1-164	BDL	0.28	BDL	0.88	BDL	0.07	BDL	0.4	BDL	0.7	BDL	0.11	BDL	0.45	BDL	0.68	BDL	0.42	BDL	0.08	BDL	0.03	BDL	0.01	BDL	0.03	BDL	0.51	0.012799	0.48	BDL	0.24	BDL	0.18	BDL	0.14	BDL	0.03	BDL	0.77	BDL	0.4	BDL	0.36
4/25/2013 17:47	titan9	21	100	111	537	13385.85	Titan1-164	BDL	0.28	BDL	0.88	BDL	0.06	BDL	0.36	BDL	0.7	BDL	0.08	BDL	0.45	BDL	0.48	BDL	0.44	BDL	0.09	BDL	0.03	BDL	0.02	BDL	0.03	BDL	0.51	0.012544	0.51	BDL	0.24	BDL	0.31	BDL	0.23	BDL	0.07	BDL	0.77	BDL	0.26	BDL	0.33
4/25/2013 17:48	titan9	22	100	111	537	13473.66	Titan1-164	BDL	0.28	BDL	0.88	BDL	0.06	BDL	0.31	BDL	0.7	BDL	0.08	BDL	0.45	BDL	0.53	BDL	0.44	BDL	0.09	BDL	0.04	BDL	0.02	BDL	0.04	BDL	0.5	0.012162	0.5	BDL	0.22	BDL	0.34	BDL	0.23	BDL	0.04	BDL	0.77	BDL	0.35	BDL	0.32
4/25/2013 17:49	titan9	23	100	111	537	13227.25	Titan1-164	BDL	0.27	BDL	0.88	BDL	0.06	BDL	0.3	BDL	0.7	BDL	0.1	BDL	0.45	BDL	0.57

Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9	0
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133
4/25/2013 19:08	titan9	100	100	111	537	11264.86	Titan1-164	BDL	0.17	BDL	0.89	BDL	0.03	BDL	0.2	BDL	0.7	BDL
4/25/2013 19:09	titan9	101	100	111	537	11368.96	Titan1-164	BDL	0.16	BDL	0.89	BDL	0.03	BDL	0.15	BDL	0.7	BDL
4/25/2013 19:10	titan9	102	100	111	537	11366.2	Titan1-164	BDL	0.15	BDL	0.89	BDL	0.04	BDL	0.17	BDL	0.7	BDL
4/25/2013 19:11	titan9	103	100	111	537	10702.81	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.04	BDL	0.2	BDL	0.7	BDL
4/25/2013 19:12	titan9	104	100	111	537	10763.94	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.04	BDL	0.11	BDL	0.7	BDL
4/25/2013 19:13	titan9	105	100	111	537	10958.41	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.03	BDL	0.14	BDL	0.7	BDL
4/25/2013 19:14	titan9	106	100	111	537	10928.92	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.04	BDL	0.18	BDL	0.7	BDL
4/25/2013 19:15	titan9	107	100	111	537	10823.09	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.03	BDL	0.11	BDL	0.7	BDL
4/25/2013 19:16	titan9	108	100	111	537	10779.49	Titan1-164	BDL	0.17	BDL	0.89	BDL	0.06	BDL	0.13	BDL	0.7	BDL
4/25/2013 19:17	titan9	109	100	111	537	10705.28	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.03	BDL	0.13	BDL	0.7	BDL
4/25/2013 19:18	titan9	110	100	111	537	10629.07	Titan1-164	BDL	0.17	BDL	0.89	BDL	0.05	BDL	0.11	BDL	0.7	BDL
4/25/2013 19:19	titan9	111	100	111	537	10503.37	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.03	BDL	0.12	BDL	0.7	BDL
4/25/2013 19:20	titan9	112	100	111	537	10356.35	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.05	BDL	0.14	BDL	0.7	BDL
4/25/2013 19:21	titan9	113	100	111	536	10259.37	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.05	BDL	0.16	BDL	0.7	BDL
4/25/2013 19:22	titan9	114	100	111	537	10159.65	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.05	BDL	0.11	BDL	0.7	BDL
4/25/2013 19:23	titan9	115	100	111	537	10066.49	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.03	BDL	0.08	BDL	0.7	BDL
4/25/2013 19:24	titan9	116	100	111	537	9990.896	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.05	BDL	0.13	BDL	0.7	BDL
4/25/2013 19:25	titan9	117	100	111	537	9858.421	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.04	BDL	0.17	BDL	0.7	BDL
4/25/2013 19:26	titan9	118	100	111	537	9902.404	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.03	BDL	0.04	BDL	0.7	BDL
4/25/2013 19:27	titan9	119	100	111	537	9763.638	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.05	BDL	0.28	BDL	0.7	BDL
4/25/2013 19:28	titan9	120	100	111	537	9699.713	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.04	BDL	0.14	BDL	0.7	BDL
4/25/2013 19:29	titan9	121	100	111	537	9657.473	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.03	BDL	0.04	BDL	0.7	BDL
4/25/2013 19:30	titan9	122	100	111	537	9604	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.16	BDL	0.7	BDL
4/25/2013 19:31	titan9	123	100	111	536	9570.082	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.03	BDL	0.11	BDL	0.7	BDL
4/25/2013 19:32	titan9	124	100	111	537	9518.608	Titan1-164	BDL	0.19	BDL	0.89	BDL	0.04	BDL	0.16	BDL	0.7	BDL
4/25/2013 19:33	titan9	125	100	111	537	9502.138	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.03	BDL	0.14	BDL	0.7	BDL
4/25/2013 19:34	titan9	126	100	111	538	9486.52	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.05	BDL	0.26	BDL	0.7	BDL
4/25/2013 19:35	titan9	127	100	111	537	9448.763	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.03	BDL	0.18	BDL	0.7	BDL
4/25/2013 19:36	titan9	128	100	111	537	9258.239	Titan1-164	BDL	0.19	BDL	0.87	BDL	0.08	BDL	0.13	BDL	0.7	BDL
4/25/2013 19:37	titan9	129	100	111	537	9411.117	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.04	BDL	0.14	BDL	0.7	BDL
4/25/2013 19:38	titan9	130	100	111	537	9367.231	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.06	BDL	0.4	BDL	0.7	BDL
4/25/2013 19:39	titan9	131	100	111	536	9360.078	Titan1-164	BDL	0.19	BDL	0.89	BDL	0.05	BDL	0.12	BDL	0.7	BDL
4/25/2013 19:40	titan9	132	100	111	537	9335.867	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.02	BDL	0.1	BDL	0.7	BDL
4/25/2013 19:41	titan9	133	100	111	538	9346.617	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.03	BDL	0.12	BDL	0.7	BDL
4/25/2013 19:43	titan9	134	100	111	537	9324.439	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.05	BDL	0.14	BDL	0.7	BDL
4/25/2013 19:44	titan9	135	100	111	536	9304.64	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.03	BDL	0.09	BDL	0.7	BDL
4/25/2013 19:45	titan9	136	100	111	536	9276.359	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.05	BDL	0.09	BDL	0.7	BDL
4/25/2013 19:46	titan9	137	100	111	538	9257.496	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.03	BDL	0.07	BDL	0.7	BDL
4/25/2013 19:47	titan9	138	100	111	537	9210.47	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.02	BDL	0.1	BDL	0.7	BDL
4/25/2013 19:48	titan9	139	100	111	536	9172.338	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.05	BDL	0.11	BDL	0.7	BDL
4/25/2013 19:49	titan9	140	100	111	537	9135.475	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.03	BDL	0.15	BDL	0.7	BDL
4/25/2013 19:50	titan9	141	100	111	537	9062.559	Titan1-164	BDL	0.18	BDL	0.86	BDL	0.03	BDL	0.13	BDL	0.7	BDL
4/25/2013 19:51	titan9	142	100	111	537	8987.696	Titan1-164	BDL	0.17	BDL	0.83	BDL	0.06	BDL	0.13	BDL	0.7	BDL
4/25/2013 19:52	titan9	143	100	111	536	8877.887	Titan1-164	BDL	0.18	BDL	0.87	BDL	0.05	BDL	0.21	BDL	0.7	BDL
4/25/2013 19:53	titan9	144	100	111	537	8894.954	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.09	BDL	0.16	BDL	0.7	BDL
4/25/2013 19:54	titan9	145	100	111	537	8874.134	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.04	BDL	0.2	BDL	0.7	BDL
4/25/2013 19:55	titan9	146	100	111	537	8857.065	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.04	BDL	0.09	BDL	0.7	BDL
4/25/2013 19:56	titan9	147	100	111	537	8839.704	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.03	BDL	0.19	BDL	0.7	BDL
4/25/2013 19:57	titan9	148	100	111	537	8809.461	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.03	BDL	0.15	BDL	0.7	BDL
4/25/2013 19:58	titan9	149	100	111	536	8794.628	Titan1-164	BDL	0.16	BDL	0.88	BDL	0.04	BDL	0.08	BDL	0.7	BDL
4/25/2013 19:59	titan9	150	100	111	537	8756.619	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.04	BDL	0.11	BDL	0.7	BDL
4/25/2013 20:00	titan9	151	100	111	536	8746.509	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.04	BDL	0.13	BDL	0.7	BDL
4/25/2013 20:01	titan9	152	100	111	537	8698.549	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.05	BDL	0.1	BDL	0.7	BDL
4/25/2013 20:02	titan9	153	100	111	537	8664.53	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.04	BDL	0.07	BDL	0.7	BDL
4/25/2013 20:03	titan9	154	100	111	537	8590.57	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.03	BDL	0.18	BDL	0.7	BDL
4/25/2013 20:04	titan9	155	100	111	537	8567.489	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.05	BDL	0.08	BDL	0.7	BDL
4/25/2013 20:05	titan9	156	100	111	537	8523.196	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.03	BDL	0.11	BDL	0.7	BDL
4/25/2013 20:06	titan9	157	100	111	536	8492.466	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.04	BDL	0.17	BDL	0.7	BDL
4/25/2013 20:07	titan9	158	100	111	537	8430.562	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.04	BDL	0.11	BDL	0.7	BDL
4/25/2013 20:08	titan9	159	100	111	537	8383.466	Titan1-164	BDL	0.22	BDL	0.89	BDL	0.05	BDL	0.1	BDL	0.7	BDL
4/25/2013 20:09	titan9	160	100	111	536	8491.292	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.04	BDL	0.08	BDL	0.7	BDL
4/25/2013 20:10	titan9	161	100	111	536	8483.823	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.06	BDL	0.07	BDL	0.7	BDL
4/25/2013 20:11	titan9	162	100	111	536	8412.73	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.04	BDL	0.09	BDL	0.7	BDL
4/25/2013 20:12	titan9	163	100	111	536	8407.672	Titan1-164	BDL	0.21	BDL	0.89	BDL	0.05	BDL	0.06	BDL	0.7	BDL
4/25/2013 20:13	titan9	164	100	111	536	8449.667	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.09	BDL	0.7	BDL
4/25/2013 20:14	titan9	165	100	111	537	8559.435	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.05	BDL	0.08	BDL	0.7	BDL
4/25/2013 20:15	titan9	166	100	111	537	8514.565	Titan1-164	BDL	0.2	BDL	0.89	BDL	0.03	BDL	0.14	BDL	0.7	BDL
4/25/2013 20:17	titan9	167	100	111	537	8487.776	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.11	BDL	0.7	BDL
4/25/2013 20:18	titan9	168	100	111	536	8433.48	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.05	BDL	0.1	BDL	0.7	BDL
4/25/2013 20:19	titan9	169	100	111	536	8368.261	Titan1-164	BDL	0.21	BDL	0.89	BDL	0.03	BDL	0.14	BDL	0.7	BDL
4/25/2013 20:20	titan9	170	100	111	537	8312.012	Titan1-164	BDL	0.21	BDL	0.89	BDL	0.05	BDL	0.1	BDL	0.7	BDL
4/25/2013 20:21	titan9	171	100	111	537	8297.84	Titan1-164	BDL	0.21	BDL	0.89	BDL	0.04	BDL	0.06	BDL	0.8	BDL
4/25/2013 20:22	titan9	172	100	111	537	8252.634	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.12	BDL	0.7	BDL
4/25/2013 20:23	titan9	173	100	111	536	8181.974	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.03	BDL	0.12	BDL	0.8	BDL
4/25/2013 20:24	titan9	174	100	111	537	8132.774	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.04	BDL	0.12	BDL	0.8	BDL
4/25/2013 20:25	titan9	175	100	111	536	8105.803	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.04	BDL	0.08	BDL	0.8	BDL
4/25/2013 20:26	titan9	176	100	111	536	8462.244	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.05	BDL	0.23	BDL	0.7	BDL
4/25/2013 20:27	titan9	177	100	111	537	8369.379	Titan1-164	BDL	0.16	BDL	0.88	BDL	0.05	BDL	0.19	BDL	0.7	BDL
4/25/2013 20:28	titan9	178	100	111	537	8302.515	Titan1-164	BDL	0.16	BDL	0.88	BDL	0.03	BDL	0.17	BDL	0.7	BDL
4/25/2013 20:29	titan9	179	100	111	536	8277.506	Titan1-164	BDL	0.15	BDL	0.88	BDL	0.04	BDL	0.19	BDL	0.7	BDL
4/25/2013 20:30	titan9	180	100	111	537	8213.218	Titan1-164	BDL	0.15	BDL	0.88	BDL	0.05	BDL	0.12	BDL	0.7	BDL
4/25/2013 20:31	titan9	181	100	111	537	8209.717	Titan1-164	BDL	0.13	BDL	0.88	BDL	0.04	BDL	0.13	BDL	0.7	BDL
4/25/2013 20:32	titan9	182	100	111	536	8208.896	Titan1-164	BDL	0.14	BDL	0.88	BDL	0.04	BDL	0.23	BDL	0.7	BDL
4/25/2013 20:33	titan9	183	100	111	535	8189.313	Titan1-164	BDL	0.13	BDL	0.88	BDL	0.04	BDL	0.12	BDL	0.7	BDL
4/25/2013 20:34	titan9	184	100	111	537	8229.906	Titan1-164	BDL	0.13	BDL	0.88	BDL	0.03	BDL	0.16	BDL	0.7	BDL
4/25/2013 20:35	titan9	185	100	111	537	8232.272	Titan1-164	BDL	0.13	BDL	0.88	BDL	0.04	BDL	0.1	BDL	0.7	BDL
4/25/2013 20:36	titan9	186	100	111	537	8230.176	Titan1-164	BDL	0.12	BDL	0.88	BDL	0.04	BDL	0.13	BDL	0.7	BDL
4/25/2013 20:37	titan9	187	100	111	535	8209.621	Titan1-164	BDL	0.14	BDL	0.88	BDL	0.03	BDL	0.09	BDL	0.7	BDL
4/25/2013 20:38	titan9	188	100	111	536	8165.858	Titan1-164	BDL	0.16	BDL	0.88	BDL	0.05	BDL	0.09	BDL	0.7	BDL
4/25/2013 20:39	titan9	189	100	111	536	8176.957	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.03	BDL	0.1	BDL	0.7	BDL
4/25/2013 20:40	titan9	190	100	111	536	8140.034	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.06	BDL	0.08	BDL	0.7	BDL
4/25/2013 20:41	titan9	191	100	111	532	8127.144	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.05	BDL	0.16	BDL	0.7	BDL
4/25/2013 20:42	titan9	192	100	111	536	8128.704	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.1	BDL	0.7	BDL
4/25/2013 20:43	titan9	193	100	111	536	8103.466	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.09	BDL	0.7	BDL
4/25/2013 20:44	titan9	194	100	111	536	8073.927	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.13	BDL	0.7	BDL
4/25/2013 20:45	titan9	195	100	111	536	8064.398	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.04	BDL	0.09	BDL	0.8	BDL
4/25/2013 20:46	titan9	196	100	111	537	8048.467	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.05	BDL	0.17	BDL	0.8	BDL
4/25/2013 20:47	titan9	197	100	111	537	8090.027	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.05	BDL	0.11	BDL	0.7	BDL
4/25/2013 20:48	titan9	198	100	111	536	8051.749	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.1	BDL	0.7	BDL
4/25/2013 20:50	titan9	199	100	111	536	8046.412	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.03	BDL	0.14	BDL	0.8	BDL
4/25/2013 20:51	titan9	200	100	111	537	8002.292	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.04	BDL	0.13	BDL	0.7	BDL
4/25/2013 20:52	titan9	201	100	111	536	7960.024	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.03	BDL	0.14	BDL	0.8	BDL
4/25/2013 20:53	titan9	202	100	111	532	7935.366	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.04	BDL	0.8	BDL
4/25/2013 20:54	titan9	203	100	111	536	7914.373	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.16	BDL	0.8	BDL
4/25/2013 20:55	titan9	204	100	111	535	7876.828	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.11	BDL	0.8	BDL
4/25/2013 20:56	titan9	205	100	111	537	7833.673	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.03	BDL	0.15	BDL	0.8	BDL
4/25/2013 20:57	titan9	206	100	111	537	7853.173	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.03	BDL	0.03	BDL	0.8	BDL
4/25/2013 20:58	titan9	207	100	111	535	7821.007	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.03	BDL	0.14	BDL	0.8	BDL
4/25/2013 20:59	titan9	208	100	111	537	7837.717	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.14	BDL	0.8	BDL
4/25/2013 21:00	titan9	209	100	111	536	7878.988	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.06	BDL	0.8	BDL
4/25/2013 21:01	titan9	210	100	111	536	7838.438	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.03	BDL	0.08	BDL	0.8	BDL
4/25/2013 21:02	titan9	211	100	111	536	7929.539	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.04	BDL	0.17	BDL	0.8	BDL
4/25/2013 21:03	titan9	212	100	111	536	8250.803	Titan1-164	BDL	0.12	BDL	0.88	BDL	0.04	BDL	0.14	BDL	0.7	BDL
4/25/2013 21:04	titan9	213	100	111	537	8184.793	Titan1-164	BDL	0.12	BDL	0.88	BDL	0.04	BDL	0.17	BDL	0.7	BDL
4/25/2013 21:05	titan9	214	100	111	536	8119.271	Titan1-164	BDL	0.1	BDL	0.88	BDL	0.04	BDL	0.14	BDL	0.7	BDL
4/25/2013 21:06	titan9	215	100	111	536	8071.918	Titan1-164	BDL	0.07	BDL	0.88	BDL	0.05	BDL	0.19	BDL	0.7	BDL
4/25/2013 21:07	titan9	216	100	111	536	8052.171	Titan1-164	BDL	0.06	BDL	0.88	BDL	0.05	BDL	0.19	BDL	0.7	BDL
4/25/2013 21:08	titan9	217	100	111	536	8039.145	Titan1-164	BDL	0.08	BDL	0.88	BDL	0.03	BDL	0.29	BDL	0.7	BDL
4/25/2013 21:09	titan9	218	100	111	536	8073.703	Titan1-164	BDL	0.08	BDL	0.88	BDL	0.04	BDL	0.18	BDL	0.7	BDL
4/25/2013 21:10	titan9	219	100	111	535	8079.723	Titan1-164	BDL	0.07	BDL	0.88	BDL	0.04	BDL	0.17	BDL	0.7	BDL
4/25/2013 21:11	titan9	220	100	111	537	8088.523	Titan1-164	BDL	0.1	BDL	0.88	BDL	0.03	BDL	0.15	BDL	0.7	BDL
4/25/2013 21:12	titan9	221	100	111	536	8076.984	Titan1-164	BDL	0.14	BDL	0.88	BDL	0.03	BDL	0.13	BDL	0.7	BDL
4/25/2013 21:13	titan9	222	100	111	536	8049.082	Titan1-164	BDL	0.16	BDL	0.88	BDL	0.05	BDL	0.1	BDL	0.7	BDL
4/25/2013 21:14	titan9	223	100	111	536	8098.63	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.03	BDL	0.13	BDL	0.7	BDL
4/25/2013 21:15	titan9	224	100	111	536	8101.175	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.02	BDL	0.09	BDL	0.7	BDL
4/25/2013 21:16	titan9	225	100	111	533	8089.123	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.03	BDL	0.07	BDL	0.7	BDL
4/25/2013 21:17	titan9	226	100	111	536	8070.382	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.04	BDL	0.13	BDL	0.7	BDL
4/25/2013 21:18	titan9	227	100	111	532	8033.877	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.04	BDL	0.11	BDL	0.8	BDL
4/25/2013 21:19	titan9	228	100	111	534	8021.669	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.08	BDL	0.8	BDL
4/25/2013 21:20	titan9	229	100	111	534	8036.026	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.02	BDL	0.14	BDL	0.8	BDL
4/25/2013 21:21	titan9	230	100	111	534	8027.702	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.17	BDL	0.8	BDL

Sample Date/Time	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone
Maximum:	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026173
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02
4/25/2013 19:08	0.09	BDL	0.45	BDL	0.52	BDL	0.49	BDL	0.09	BDL	0	BDL	0.07	BDL	0.07	BDL	0.51	0.011233
4/25/2013 19:09	0.08	BDL	0.46	BDL	0.59	BDL	0.49	BDL	0.08	BDL	0.01	BDL	0.01	BDL	0.09	BDL	0.5	0.011119
4/25/2013 19:10	0.07	BDL	0.45	BDL	0.56	BDL	0.49	BDL	0.09	BDL	0	BDL	0.02	BDL	0.07	BDL	0.49	0.011277
4/25/2013 19:11	0.12	BDL	0.45	BDL	0.6	BDL	0.5	BDL	0.09	BDL	0.01	BDL	0	BDL	0.06	BDL	0.51	0.012713
4/25/2013 19:12	0.1	BDL	0.44	BDL	0.54	BDL	0.16	BDL	0.09	BDL	0.02	BDL	0.03	BDL	0.02	BDL	0.51	0.012899
4/25/2013 19:13	0.07	BDL	0.45	BDL	0.6	BDL	0.48	BDL	0.08	BDL	0.01	BDL	0.02	BDL	0.05	BDL	0.52	0.013609
4/25/2013 19:14	0.07	BDL	0.45	BDL	0.55	BDL	0.49	BDL	0.08	BDL	0.02	BDL	0.02	BDL	0.04	BDL	0.51	0.014156
4/25/2013 19:15	0.12	BDL	0.44	BDL	0.51	BDL	0.48	BDL	0.09	BDL	0.01	BDL	0.04	BDL	0.04	BDL	0.51	0.014177
4/25/2013 19:16	0.11	BDL	0.45	BDL	0.5	BDL	0.49	BDL	0.09	BDL	0.01	BDL	0.03	BDL	0.03	BDL	0.5	0.013445
4/25/2013 19:17	0.08	BDL	0.44	BDL	0.47	BDL	0.15	BDL	0.08	BDL	0.02	BDL	0.01	BDL	0.02	BDL	0.51	0.013945
4/25/2013 19:18	0.13	BDL	0.44	BDL	0.43	BDL	0.38	BDL	0.07	BDL	0.01	BDL	0.03	BDL	0.05	BDL	0.52	0.01341
4/25/2013 19:19	0.1	BDL	0.45	BDL	0.51	BDL	0.5	BDL	0.08	BDL	0.03	BDL	0.03	BDL	0.05	BDL	0.51	0.01356
4/25/2013 19:20	0.09	BDL	0.45	BDL	0.52	BDL	0.51	BDL	0.07	BDL	0.03	BDL	0.08	BDL	0.07	BDL	0.52	0.01453
4/25/2013 19:21	0.15	BDL	0.45	BDL	0.5	BDL	0.48	BDL	0.07	BDL	0.05	BDL	0.08	BDL	0.03	BDL	0.5	0.01527
4/25/2013 19:22	0.09	BDL	0.45	BDL	0.48	BDL	0.5	BDL	0.07	BDL	0.04	BDL	0.02	BDL	0.06	BDL	0.5	0.01472
4/25/2013 19:23	0.11	BDL	0.45	BDL	0.49	BDL	0.48	BDL	0.08	BDL	0.04	BDL	0.04	BDL	0.07	BDL	0.49	0.014977
4/25/2013 19:24	0.12	BDL	0.44	BDL	0.53	BDL	0.48	BDL	0.08	BDL	0.03	BDL	0.03	BDL	0.09	BDL	0.5	0.016336
4/25/2013 19:25	0.1	BDL	0.45	BDL	0.6	BDL	0.51	BDL	0.08	BDL	0.04	BDL	0.02	BDL	0.03	BDL	0.51	0.014281
4/25/2013 19:26	0.09	BDL	0.45	BDL	0.44	BDL	0.5	BDL	0.07	BDL	0.03	BDL	0	BDL	0.05	BDL	0.5	0.014984
4/25/2013 19:27	0.12	BDL	0.45	BDL	0.56	BDL	0.49	BDL	0.09	BDL	0.03	BDL	0.01	BDL	0.09	BDL	0.51	0.01457
4/25/2013 19:28	0.16	BDL	0.47	BDL	0.57	BDL	0.49	BDL	0.09	BDL	0.05	BDL	0.01	BDL	0.06	BDL	0.52	0.014387
4/25/2013 19:29	0.12	BDL	0.45	BDL	0.52	BDL	0.51	BDL	0.09	BDL	0.03	BDL	0.01	BDL	0.04	BDL	0.51	0.014282
4/25/2013 19:30	0.13	BDL	0.44	BDL	0.55	BDL	0.51	BDL	0.09	BDL	0.06	BDL	0.02	BDL	0.05	BDL	0.5	0.014529
4/25/2013 19:31	0.09	BDL	0.45	BDL	0.57	BDL	0.51	BDL	0.09	BDL	0.05	BDL	0.01	BDL	0.05	BDL	0.51	0.014997
4/25/2013 19:32	0.12	BDL	0.45	BDL	0.53	BDL	0.47	BDL	0.09	BDL	0.05	BDL	0.02	BDL	0.07	BDL	0.51	0.015079
4/25/2013 19:33	0.16	BDL	0.45	BDL	0.52	BDL	0.15	BDL	0.08	BDL	0.02	BDL	0.01	BDL	0.04	BDL	0.51	0.014517
4/25/2013 19:34	0.12	BDL	0.46	BDL	0.55	BDL	0.51	BDL	0.09	BDL	0.02	BDL	0.02	BDL	0.04	BDL	0.52	0.013075
4/25/2013 19:35	0.11	BDL	0.47	BDL	0.59	BDL	0.51	BDL	0.11	BDL	0.02	BDL	0.01	BDL	0.04	BDL	0.5	0.014433
4/25/2013 19:36	0.14	BDL	0.47	BDL	0.52	BDL	0.52	BDL	0.12	BDL	0.03	BDL	0.01	BDL	0.03	BDL	0.52	0.013809
4/25/2013 19:37	0.13	BDL	0.47	BDL	0.54	BDL	0.51	BDL	0.11	BDL	0.02	BDL	0.01	BDL	0.11	BDL	0.52	0.01378
4/25/2013 19:38	0.07	BDL	0.47	BDL	0.51	BDL	0.51	BDL	0.11	BDL	0.04	BDL	0.01	BDL	0.06	BDL	0.51	0.012844
4/25/2013 19:39	0.09	BDL	0.46	BDL	0.45	BDL	0.5	BDL	0.09	BDL	0.02	BDL	0.01	BDL	0.03	BDL	0.53	0.012163
4/25/2013 19:40	0.11	BDL	0.46	BDL	0.46	BDL	0.52	BDL	0.09	BDL	0.02	BDL	0.03	BDL	0.03	BDL	0.52	0.013217
4/25/2013 19:41	0.08	BDL	0.45	BDL	0.55	BDL	0.52	BDL	0.09	BDL	0.01	BDL	0.02	BDL	0.07	BDL	0.52	0.012082
4/25/2013 19:43	0.14	BDL	0.47	BDL	0.52	BDL	0.52	BDL	0.08	BDL	0.01	BDL	0.02	BDL	0.03	BDL	0.51	0.013694
4/25/2013 19:44	0.1	BDL	0.47	BDL	0.54	BDL	0.52	BDL	0.09	BDL	0.01	BDL	0.04	BDL	0.06	BDL	0.52	0.013969
4/25/2013 19:45	0.1	BDL	0.47	BDL	0.43	BDL	0.52	BDL	0.09	BDL	0.02	BDL	0.01	BDL	0.14	BDL	0.52	0.012458
4/25/2013 19:46	0.07	BDL	0.46	BDL	0.52	BDL	0.52	BDL	0.09	BDL	0.01	BDL	0.01	BDL	0.03	BDL	0.51	0.013465
4/25/2013 19:47	0.13	BDL	0.47	BDL	0.54	BDL	0.53	BDL	0.09	BDL	0.01	BDL	0.01	BDL	0.04	BDL	0.53	0.014388
4/25/2013 19:48	0.14	BDL	0.46	BDL	0.44	BDL	0.52	BDL	0.1	BDL	0.01	BDL	0.01	BDL	0.05	BDL	0.53	0.013318
4/25/2013 19:49	0.12	BDL	0.48	BDL	0.48	BDL	0.54	BDL	0.1	BDL	0.02	BDL	0.02	BDL	0.06	BDL	0.53	0.012943
4/25/2013 19:50	0.16	BDL	0.47	BDL	0.58	BDL	0.44	BDL	0.12	BDL	0.03	BDL	0	BDL	0.06	BDL	0.53	0.015179
4/25/2013 19:51	0.13	BDL	0.46	BDL	0.59	BDL	0.51	BDL	0.12	BDL	0.01	BDL	0.01	BDL	0.06	BDL	0.55	0.016166
4/25/2013 19:52	0.11	BDL	0.47	BDL	0.47	BDL	0.25	BDL	0.12	BDL	0.01	BDL	0.02	BDL	0.05	BDL	0.55	0.012631
4/25/2013 19:53	0.12	BDL	0.46	BDL	0.49	BDL	0.52	BDL	0.11	BDL	0.01	BDL	0.2	BDL	0.01	BDL	0.55	0.012238
4/25/2013 19:54	0.07	BDL	0.47	BDL	0.58	BDL	0.51	BDL	0.1	BDL	0.02	BDL	0	BDL	0.04	BDL	0.56	0.011648
4/25/2013 19:55	0.11	BDL	0.45	BDL	0.43	BDL	0.5	BDL	0.09	BDL	0.01	BDL	0.01	BDL	0.03	BDL	0.55	0.012715
4/25/2013 19:56	0.09	BDL	0.46	BDL	0.47	BDL	0.51	BDL	0.09	BDL	0.01	BDL	0.02	BDL	0.04	BDL	0.56	0.011959
4/25/2013 19:57	0.07	BDL	0.46	BDL	0.45	BDL	0.51	BDL	0.09	BDL	0.02	BDL	0.01	BDL	0.03	BDL	0.55	0.011984
4/25/2013 19:58	0.06	BDL	0.46	BDL	0.44	BDL	0.51	BDL	0.09	BDL	0	BDL	0	BDL	0.11	BDL	0.56	0.013084
4/25/2013 19:59	0.13	BDL	0.46	BDL	0.4	BDL	0.52	BDL	0.09	BDL	0.02	BDL	0	BDL	0.03	BDL	0.54	0.014048
4/25/2013 20:00	0.1	BDL	0.46	BDL	0.37	BDL	0.52	BDL	0.09	BDL	0.03	BDL	0.01	BDL	0.05	BDL	0.54	0.015102
4/25/2013 20:01	0.1	BDL	0.44	BDL	0.56	BDL	0.52	BDL	0.09	BDL	0.02	BDL	0.01	BDL	0.1	BDL	0.55	0.015512
4/25/2013 20:02	0.1	BDL	0.45	BDL	0.5	BDL	0.52	BDL	0.09	BDL	0.02	BDL	0	BDL	0.07	BDL	0.54	0.015628
4/25/2013 20:03	0.13	BDL	0.45	BDL	0.46	BDL	0.51	BDL	0.08	BDL	0.01	BDL	0.01	BDL	0.06	BDL	0.55	0.017456
4/25/2013 20:04	0.1	BDL	0.45	BDL	0.54	BDL	0.54	BDL	0.08	BDL	0.02	BDL	0.01	BDL	0.09	BDL	0.55	0.019387
4/25/2013 20:05	0.1	BDL	0.44	BDL	0.53	BDL	0.53	BDL	0.08	BDL	0.02	BDL	0.01	BDL	0.11	BDL	0.55	0.020711
4/25/2013 20:06	0.07	BDL	0.45	BDL	0.56	BDL	0.55	BDL	0.08	BDL	0.01	BDL	0.01	BDL	0.11	BDL	0.55	0.020609
4/25/2013 20:07	0.08	BDL	0.45	BDL	0.55	BDL	0.53	BDL	0.08	BDL	0.04	BDL	0	BDL	0.12	BDL	0.54	0.020825
4/25/2013 20:08	0.11	BDL	0.46	BDL	0.58	BDL	0.54	BDL	0.08	BDL	0.03	BDL	0	BDL	0.11	BDL	0.54	0.024282
4/25/2013 20:09	0.11	BDL	0.45	BDL	0.62	BDL	0.53	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.09	BDL	0.55	0.021955
4/25/2013 20:10	0.06	BDL	0.46	BDL	0.62	BDL	0.53	BDL	0.08	BDL	0	BDL	0.01	BDL	0.1	BDL	0.54	0.020007
4/25/2013 20:11	0.06	BDL	0.45	BDL	0.62	BDL	0.54	BDL	0.07	BDL	0.03	BDL	0.01	BDL	0.1	BDL	0.54	0.021716
4/25/2013 20:12	0.1	BDL	0.44	BDL	0.53	BDL	0.5	BDL	0.08	BDL	0.02	BDL	0.01	BDL	0.11	BDL	0.54	0.021795
4/25/2013 20:13	0.08	BDL	0.44	BDL	0.64	BDL	0.52	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.11	BDL	0.55	0.021548
4/25/2013 20:14	0.16	BDL	0.46	BDL	0.56	BDL	0.41	BDL	0.08	BDL	0.01	BDL	0.01	BDL	0.07	BDL	0.55	0.020833
4/25/2013 20:15	0.1	BDL	0.46	BDL	0.63	BDL	0.51	BDL	0.08	BDL	0	BDL	0.02	BDL	0.05	BDL	0.54	0.019599
4/25/2013 20:17	0.12	BDL	0.45	BDL	0.63	BDL	0.53	BDL	0.08	BDL	0.03	BDL	0.07	BDL	0.09	BDL	0.54	0.02033
4/25/2013 20:18	0.12	BDL	0.46	BDL	0.6	BDL	0.42	BDL	0.09	BDL	0.02	BDL	0.02	BDL	0.07	BDL	0.55	0.02134
4/25/2013 20:19	0.11	BDL	0.45	BDL	0.63	BDL	0.54	BDL	0.08	BDL	0.01	BDL	0.01	BDL	0.11	BDL	0.54	0.021563
4/25/2013 20:20	0.1	BDL	0.45	BDL	0.62	BDL	0.53	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.15	BDL	0.54	0.022772
4/25/2013 20:21	0.16	BDL	0.45	BDL	0.56	BDL	0.53	BDL	0.08	BDL	0	BDL	0.02	BDL	0.13	BDL	0.54	0.022647
4/25/2013 20:22	0.14	BDL	0.45	BDL	0.57	BDL	0.32	BDL	0.08	BDL	0.01	BDL	0.01	BDL	0.12	BDL	0.54	0.021709
4/25/2013 20:23	0.1	BDL	0.45	BDL	0.54	BDL	0.51	BDL	0.08	BDL	0.01	BDL	0.02	BDL	0.19	BDL	0.54	0.023854
4/25/2013 20:24	0.16	BDL	0.45	BDL	0.58	BDL	0.51	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.13	BDL	0.53	0.02453
4/25/2013 20:25	0.13	BDL	0.45	BDL	0.55	BDL	0.49	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.12	BDL	0.53	0.025702
4/25/2013 20:26	0.13	BDL	0.46	BDL	0.51	BDL	0.5	BDL	0.08	BDL	0.01	BDL	0.01	BDL	0.15	BDL	0.53	0.015487
4/25/2013 20:27	0.12	BDL	0.47	BDL	0.5	BDL	0.49	BDL	0.09	BDL	0	BDL	0	BDL	0.14	BDL	0.54	0.014643
4/25/2013 20:28	0.08	BDL	0.47	BDL	0.5	BDL	0.47	BDL	0.08	BDL	0.01	BDL	0.01	BDL	0.17	BDL	0.53	0.014286
4/25/2013 20:29	0.11	BDL	0.47	BDL	0.47	BDL	0.5	BDL	0.07	BDL	0.01	BDL	0.01	BDL	0.15	BDL	0.53	0.015568
4/25/2013 20:30	0.1	BDL	0.46	BDL	0.45	BDL	0.48	BDL	0.08	BDL	0.01	BDL	0.01	BDL	0.15	BDL	0.54	0.014789
4/25/2013 20:31	0.06	BDL	0.47	BDL	0.5	BDL	0.46	BDL	0.07	BDL	0	BDL	0.03	BDL	0.15	BDL	0.55	0.014145
4/25/2013 20:32	0.09	BDL	0.47	BDL	0.41	BDL	0.47	BDL	0.06	BDL	0.05	BDL	0.01	BDL	0.14	BDL	0.54	0.013859
4/25/2013 20:33	0.1	BDL	0.46	BDL	0.45	BDL	0.51	BDL	0.07	BDL	0.01	BDL	0.04	BDL	0.2	BDL	0.55	0.013215
4/25/2013 20:34	0.07	BDL	0.47	BDL	0.45	BDL	0.49	BDL	0.07	BDL	0	BDL	0.04	BDL	0.22	BDL	0.54	0.01228
4/25/2013 20:35	0.08	BDL	0.46	BDL	0.4	BDL	0.54	BDL	0.07	BDL	0.01	BDL	0.04	BDL	0.19	BDL	0.54	0.012193
4/25/2013 20:36	0.16	BDL	0.46	BDL	0.24	BDL	0.53	BDL	0.07	BDL	0.02	BDL	0.03	BDL	0.18	BDL	0.55	0.011677
4/25/2013 20:37	0.05	BDL	0.45	BDL	0.26	BDL	0.52	BDL	0.07	BDL	0.01	BDL	0	BDL	0.15	BDL	0.54	0.013164
4/25/2013 20:38	0.09	BDL	0.44	BDL	0.57	BDL	0.55	BDL	0.07	BDL	0.01	BDL	0.01	BDL	0.04	BDL	0.54	0.015534
4/25/2013 20:39	0.1	BDL	0.44	BDL	0.44	BDL	0.41	BDL	0.08	BDL	0.02	BDL	0.01	BDL	0.04	BDL	0.53	0.016773
4/25/2013 20:40	0.04	BDL	0.45	BDL	0.41	BDL	0.55	BDL	0.07	BDL	0.02	BDL	0.01	BDL	0.06	BDL	0.53	0.018256
4/25/2013 20:41	0.13	BDL	0.45	BDL	0.56	BDL	0.53	BDL	0.07	BDL	0	BDL	0.01	BDL	0.09	BDL	0.54	0.019693
4/25/2013 20:42	0.11	BDL	0.43	BDL	0.6	BDL	0.53	BDL	0.07	BDL	0.02	BDL	0	BDL	0.1	BDL	0.54	0.019992
4/25/2013 20:43	0.05	BDL	0.45	BDL	0.54	BDL	0.53	BDL	0.07	BDL	0	BDL	0.01	BDL	0.09	BDL	0.54	0.020518
4/25/2013 20:44	0.04	BDL	0.45	BDL	0.6	BDL	0.54	BDL	0.07	BDL	0.03	BDL	0.01	BDL	0.09	BDL	0.53	0.021457
4/25/2013 20:45	0.09	BDL	0.45	BDL	0.57	BDL	0.54	BDL	0.07	BDL	0	BDL	0.01	BDL	0.12	BDL	0.53	0.021421
4/25/2013 20:46	0.09	BDL	0.45	BDL	0.57	BDL	0.55	BDL	0.08	BDL	0.03	BDL	0.01	BDL	0.14	BDL	0.53	0.022506
4/25/2013 20:47	0.03	BDL	0.45	BDL	0.63	BDL	0.53	BDL	0.07	BDL	0.01	BDL	0.01	BDL	0.14	BDL	0.53	0.02231
4/25/2013 20:48	0.06	BDL	0.46	BDL	0.53	BDL	0.42	BDL	0.07	BDL	0.02	BDL	0	BDL	0.08	BDL	0.53	0.022319
4/25/2013 20:50	0.06	BDL	0.45	BDL	0.55	BDL	0.54	BDL	0.08	BDL	0.03	BDL	0.01	BDL	0.14	BDL	0.53	0.023171
4/25/2013 20:51	0.05	BDL	0.44	BDL	0.61	BDL	0.54	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.15	BDL	0.53	0.023089
4/25/2013 20:52	0.03	BDL	0.45	BDL	0.63	BDL	0.53	BDL	0.08	BDL	0.01	BDL	0.02	BDL	0.13	BDL	0.53	0.022525
4/25/2013 20:53	0.05	BDL	0.45	BDL	0.59	BDL	0.53	BDL	0.08	BDL	0.02	BDL	0.01	BDL	0.13	BDL	0.53	0.024486
4/25/2013 20:54	0.11	BDL	0.45	BDL	0.61	BDL	0.53	BDL	0.08	BDL	0.02	BDL	0.04	BDL	0.16	BDL	0.53	0.024639
4/25/2013 20:55	0.06	BDL	0.44	BDL	0.59	BDL	0.51	BDL	0.08	BDL	0.05	BDL	0.04	BDL	0.13	BDL	0.53	0.024431
4/25/2013 20:56	0.06	BDL	0.45	BDL	0.6	BDL	0.51	BDL	0.08	BDL	0	BDL	0.06	BDL	0.16	BDL	0.53	0.026147
4/25/2013 20:57	0.09	BDL	0.45	BDL	0.62	BDL	0.51	BDL	0.08	BDL	0.01	BDL	0.02	BDL	0.18	BDL	0.53	0.02509
4/25/2013 20:58	0.05	BDL	0.44	BDL	0.65	BDL	0.5	BDL	0.08	BDL	0.02	BDL	0.04	BDL	0.12	BDL	0.53	0.025026
4/25/2013 20:59	0.1	BDL	0.44	BDL	0.61	BDL	0.52	BDL	0.08	BDL	0.01	BDL	0.05	BDL	0.16	BDL	0.53	0.025385
4/25/2013 21:00	0.09	BDL	0.44	BDL	0.62	BDL	0.52	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.1	BDL	0.53	0.022852
4/25/2013 21:01	0.04	BDL	0.44	BDL	0.68	BDL	0.5	BDL	0.09	BDL	0.01	BDL	0.04	BDL	0.16	BDL	0.53	0.024228
4/25/2013 21:02	0.07	BDL	0.44	BDL	0.69	BDL	0.47	BDL	0.08	BDL	0	BDL	0.03	BDL	0.04	BDL	0.52	0.021115
4/25/2013 21:03	0.07	BDL	0.47	BDL	0.46	BDL	0.47	BDL	0.09	BDL	0.01	BDL	0.11	BDL	0.15	BDL	0.51	0.011631
4/25/2013 21:04	0.09	BDL	0.47	BDL	0.42	BDL	0.47	BDL	0.08	BDL	0.02	BDL	0.1	BDL	0.17	BDL	0.51	0.012821
4/25/2013 21:05	0.05	BDL	0.47	BDL	0.43	BDL	0.43	BDL	0.08	BDL	0.02	BDL	0.04	BDL	0.17	BDL	0.52	0.012254
4/25/2013 21:06	0.07	BDL	0.48	BDL	0.42	BDL	0.46	BDL	0.09	BDL	0.02	BDL	0.04	BDL	0.18	BDL	0.51	0.013216
4/25/2013 21:07	0.05	BDL	0.48	BDL	0.4	BDL	0.48	BDL	0.07	BDL	0.01	BDL	0.01	BDL	0.18	BDL	0.5	0.01242
4/25/2013 21:08	0.06	BDL	0.46	BDL	0.37	BDL	0.47	BDL	0.07	BDL	0.01	BDL	0.02	BDL	0.16	BDL	0.54	0.011388
4/25/2013 21:09	0.03	BDL	0.45	BDL	0.35	BDL	0.45	BDL	0.07	BDL	0.01	BDL	0.02	BDL	0.18	BDL	0.52	0.010896
4/25/2013 21:10	0.05	BDL	0.47	BDL	0.28	BDL	0.48	BDL	0.06	BDL	0	BDL	0.01	BDL	0.2	BDL	0.52	0.010708
4/25/2013 21:11	0.03	BDL	0.45	BDL	0.31	BDL	0.5	BDL	0.07	BDL	0.02	BDL	0.04	BDL	0.19	BDL	0.53	0.011243
4/25/2013 21:12	0.03	BDL	0.44	BDL	0.33	BDL	0.53	BDL	0.07	BDL	0.01	BDL	0.05	BDL	0.22	BDL	0.53	0.012315
4/25/2013 21:13	0.06	BDL	0.45	BDL	0.31	BDL	0.52	BDL	0.07	BDL	0.01	BDL	0.08	BDL	0.17	BDL	0.53	0.014143
4/25/2013 21:14	0.05	BDL	0.44	BDL	0.42	BDL	0.52	BDL	0.07	BDL	0	BDL	0.03	BDL	0.14	BDL	0.53	0.014989
4/25/2013 21:15	0.03	BDL	0.46	BDL	0.52	BDL	0.54	BDL	0.08	BDL	0	BDL	0	BDL	0.13	BDL	0.52	0.015325
4/25/2013 21:16	0.05	BDL	0.45	BDL	0.48	BDL	0.53	BDL	0.08	BDL	0	BDL	0.03	BDL	0.17	BDL	0.52	0.016293
4/25/2013 21:17	0.03	BDL	0.45	BDL	0.6	BDL	0.51	BDL	0.07	BDL	0.02	BDL	0.02	BDL	0.12	BDL	0.53	0.016806
4/25/2013 21:18	0.07	BDL	0.44	BDL	0.54	BDL	0.53	BDL	0.07	BDL	0.03	BDL	0.01	BDL	0.03	BDL	0.53	0.019241
4/25/2013 21:19	0.02	BDL	0.45	BDL	0.57	BDL	0.53	BDL	0.07	BDL	0.04	BDL	0.01	BDL	0.04	BDL	0.52	0.019334
4/25/2013 21:20	0.03	BDL	0.45	BDL	0.51	BDL	0.09	BDL	0.07	BDL	0.02	BDL	0.01	BDL	0.02	BDL	0.53	0.019439
4/25/2013 21:21	0.05	BDL	0.45	BDL	0.52	BDL	0.54	BDL	0.07	BDL	0.02	BDL	0.02	BDL	0.04	BDL	0.52	0.019359

Sample Date/Time	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
Maximum:	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/25/2013 19:08	0.49	BDL	0.23	BDL	0.28	BDL	0.02	BDL	0.07	BDL	0.83	BDL	0.24	BDL	0.34
4/25/2013 19:09	0.5	BDL	0.18	BDL	0.32	BDL	0.16	BDL	0.06	BDL	0.84	BDL	0.37	BDL	0.34
4/25/2013 19:10	0.48	BDL	0.17	BDL	0.22	BDL	0.1	BDL	0.06	BDL	0.87	BDL	0.36	BDL	0.38
4/25/2013 19:11	0.54	BDL	0.23	BDL	0.28	BDL	0.32	BDL	0.11	BDL	0.85	BDL	0.58	BDL	0.36
4/25/2013 19:12	0.53	BDL	0.18	BDL	0.16	BDL	0.14	BDL	0.09	BDL	0.85	BDL	0.62	BDL	0.35
4/25/2013 19:13	0.58	BDL	0.22	BDL	0.19	BDL	0.07	BDL	0.07	BDL	0.85	BDL	0.46	BDL	0.36
4/25/2013 19:14	0.53	BDL	0.22	BDL	0.26	BDL	0.04	BDL	0.08	BDL	0.85	BDL	0.56	BDL	0.37
4/25/2013 19:15	0.58	BDL	0.21	BDL	0.19	BDL	0.18	BDL	0.05	BDL	0.85	BDL	0.69	BDL	0.4
4/25/2013 19:16	0.53	BDL	0.24	BDL	0.19	BDL	0.05	BDL	0.09	BDL	0.86	BDL	0.64	BDL	0.41
4/25/2013 19:17	0.6	BDL	0.19	BDL	0.26	BDL	0.09	BDL	0.05	BDL	0.87	BDL	0.41	BDL	0.48
4/25/2013 19:18	0.56	BDL	0.21	BDL	0.24	BDL	0.18	BDL	0.05	BDL	0.88	BDL	0.43	BDL	0.46
4/25/2013 19:19	0.58	BDL	0.23	BDL	0.17	BDL	0.06	BDL	0.08	BDL	0.88	BDL	0.3	BDL	0.47
4/25/2013 19:20	0.59	BDL	0.25	BDL	0.17	BDL	0.09	BDL	0.04	BDL	0.87	BDL	0.46	BDL	0.37
4/25/2013 19:21	0.63	BDL	0.25	BDL	0.21	BDL	0.04	BDL	0.09	BDL	0.86	BDL	0.38	BDL	0.34
4/25/2013 19:22	0.6	BDL	0.2	BDL	0.23	BDL	0.03	BDL	0.07	BDL	0.87	BDL	0.38	BDL	0.39
4/25/2013 19:23	0.59	BDL	0.21	BDL	0.11	BDL	0.19	BDL	0.13	BDL	0.86	BDL	0.75	BDL	0.38
4/25/2013 19:24	0.64	BDL	0.22	BDL	0.24	BDL	0.13	BDL	0.07	BDL	0.86	BDL	0.38	BDL	0.37
4/25/2013 19:25	0.6	BDL	0.2	BDL	0.25	BDL	0.13	BDL	0.07	BDL	0.86	BDL	0.5	BDL	0.38
4/25/2013 19:26	0.64	BDL	0.2	BDL	0.16	BDL	0.26	BDL	0.06	BDL	0.86	BDL	0.68	BDL	0.32
4/25/2013 19:27	0.65	BDL	0.17	BDL	0.23	BDL	0.11	BDL	0.08	BDL	0.86	BDL	0.4	BDL	0.34
4/25/2013 19:28	0.66	BDL	0.21	BDL	0.2	BDL	0.25	BDL	0.08	BDL	0.86	BDL	0.51	BDL	0.34
4/25/2013 19:29	0.61	BDL	0.21	BDL	0.19	BDL	0.16	BDL	0.06	BDL	0.87	BDL	0.51	BDL	0.32
4/25/2013 19:30	0.6	BDL	0.2	BDL	0.2	BDL	0.11	BDL	0.08	BDL	0.86	BDL	0.67	BDL	0.31
4/25/2013 19:31	0.63	BDL	0.21	BDL	0.3	BDL	0.09	BDL	0.08	BDL	0.87	BDL	0.68	BDL	0.35
4/25/2013 19:32	0.6	BDL	0.22	BDL	0.16	BDL	0.09	BDL	0.07	BDL	0.87	BDL	0.51	BDL	0.36
4/25/2013 19:33	0.56	BDL	0.23	BDL	0.12	BDL	0.11	BDL	0.06	BDL	0.87	BDL	0.57	BDL	0.37
4/25/2013 19:34	0.69	BDL	0.22	BDL	0.13	BDL	0.09	BDL	0.14	BDL	0.87	BDL	0.78	BDL	0.35
4/25/2013 19:35	0.74	BDL	0.2	BDL	0.19	BDL	0.07	BDL	0.15	BDL	0.87	BDL	0.58	BDL	0.32
4/25/2013 19:36	0.63	BDL	0.18	BDL	0.21	BDL	0.05	BDL	0.22	BDL	0.87	BDL	0.55	BDL	0.32
4/25/2013 19:37	0.71	BDL	0.17	BDL	0.18	BDL	0.15	BDL	0.2	BDL	0.87	BDL	0.4	BDL	0.32
4/25/2013 19:38	0.66	BDL	0.18	BDL	0.1	BDL	0.09	BDL	0.1	BDL	0.87	BDL	0.49	BDL	0.35
4/25/2013 19:39	0.61	BDL	0.16	BDL	0.16	BDL	0.09	BDL	0.07	BDL	0.87	BDL	0.84	BDL	0.33
4/25/2013 19:40	0.6	BDL	0.21	BDL	0.26	BDL	0.07	BDL	0.12	BDL	0.87	BDL	0.83	BDL	0.31
4/25/2013 19:41	0.52	BDL	0.21	BDL	0.08	BDL	0.12	BDL	0.1	BDL	0.88	BDL	0.47	BDL	0.36
4/25/2013 19:43	0.57	BDL	0.22	BDL	0.12	BDL	0.3	BDL	0.04	BDL	0.87	BDL	0.29	BDL	0.39
4/25/2013 19:44	0.58	BDL	0.21	BDL	0.19	BDL	0.09	BDL	0.03	BDL	0.88	BDL	0.6	BDL	0.36
4/25/2013 19:45	0.53	BDL	0.25	BDL	0.12	BDL	0.02	BDL	0.13	BDL	0.88	BDL	0.69	BDL	0.3
4/25/2013 19:46	0.56	BDL	0.23	BDL	0.15	BDL	0.05	BDL	0.05	BDL	0.88	BDL	0.49	BDL	0.36
4/25/2013 19:47	0.56	BDL	0.21	BDL	0.14	BDL	0.08	BDL	0.07	BDL	0.88	BDL	0.53	BDL	0.33
4/25/2013 19:48	0.61	BDL	0.21	BDL	0.19	BDL	0.11	BDL	0.11	BDL	0.88	BDL	0.63	BDL	0.32
4/25/2013 19:49	0.63	BDL	0.2	BDL	0.12	BDL	0.07	BDL	0.16	BDL	0.88	BDL	0.82	BDL	0.33
4/25/2013 19:50	0.54	BDL	0.14	BDL	0.21	BDL	0.13	BDL	0.28	BDL	0.88	BDL	0.59	BDL	0.3
4/25/2013 19:51	0.43	BDL	0.14	BDL	0.18	BDL	0.07	BDL	0.32	BDL	0.89	BDL	0.54	BDL	0.26
4/25/2013 19:52	0.64	BDL	0.17	BDL	0.13	BDL	0.13	BDL	0.2	BDL	0.88	BDL	0.64	BDL	0.28
4/25/2013 19:53	0.73	BDL	0.17	BDL	0.15	BDL	0.1	BDL	0.16	BDL	0.88	BDL	0.5	BDL	0.26
4/25/2013 19:54	0.53	BDL	0.17	BDL	0.1	BDL	0.06	BDL	0.1	BDL	0.88	BDL	0.55	BDL	0.33
4/25/2013 19:55	0.55	BDL	0.18	BDL	0.18	BDL	0.17	BDL	0.07	BDL	0.88	BDL	0.44	BDL	0.28
4/25/2013 19:56	0.5	BDL	0.19	BDL	0.25	BDL	0.28	BDL	0.13	BDL	0.89	BDL	0.39	BDL	0.29
4/25/2013 19:57	0.48	BDL	0.18	BDL	0.33	BDL	0.14	BDL	0.08	BDL	0.89	BDL	0.42	BDL	0.31
4/25/2013 19:58	0.51	BDL	0.18	BDL	0.18	BDL	0.2	BDL	0.07	BDL	0.89	BDL	0.67	BDL	0.36
4/25/2013 19:59	0.57	BDL	0.2	BDL	0.21	BDL	0.13	BDL	0.07	BDL	0.89	BDL	0.38	BDL	0.32
4/25/2013 20:00	0.6	BDL	0.22	BDL	0.14	BDL	0.1	BDL	0.09	BDL	0.86	BDL	0.3	BDL	0.35
4/25/2013 20:01	0.65	BDL	0.2	BDL	0.2	BDL	0.07	BDL	0.09	BDL	0.86	BDL	0.59	BDL	0.33
4/25/2013 20:02	0.6	BDL	0.19	BDL	0.14	BDL	0.07	BDL	0.07	BDL	0.85	BDL	0.51	BDL	0.32
4/25/2013 20:03	0.65	BDL	0.22	BDL	0.19	BDL	0.12	BDL	0.11	BDL	0.84	BDL	0.53	BDL	0.3
4/25/2013 20:04	0.67	BDL	0.22	BDL	0.26	BDL	0.16	BDL	0.13	BDL	0.84	BDL	0.32	BDL	0.32
4/25/2013 20:05	0.69	BDL	0.25	BDL	0.3	BDL	0.15	BDL	0.12	BDL	0.83	BDL	0.67	BDL	0.32
4/25/2013 20:06	0.69	BDL	0.24	BDL	0.2	BDL	0.13	BDL	0.08	BDL	0.83	BDL	0.53	BDL	0.36
4/25/2013 20:07	0.7	BDL	0.25	BDL	0.25	BDL	0	BDL	0.12	BDL	0.82	BDL	0.51	BDL	0.36
4/25/2013 20:08	0.73	BDL	0.25	BDL	0.21	BDL	0.08	BDL	0.11	BDL	0.82	BDL	0.58	BDL	0.31
4/25/2013 20:09	0.68	BDL	0.24	BDL	0.18	BDL	0.07	BDL	0.08	BDL	0.83	BDL	0.32	BDL	0.35
4/25/2013 20:10	0.67	BDL	0.25	BDL	0.17	BDL	0.12	BDL	0.12	BDL	0.83	BDL	0.71	BDL	0.34
4/25/2013 20:11	0.69	BDL	0.23	BDL	0.22	BDL	0.18	BDL	0.07	BDL	0.82	BDL	0.37	BDL	0.35
4/25/2013 20:12	0.69	BDL	0.21	BDL	0.18	BDL	0.15	BDL	0.11	BDL	0.82	BDL	0.77	BDL	0.33
4/25/2013 20:13	0.67	BDL	0.24	BDL	0.22	BDL	0.06	BDL	0.04	BDL	0.82	BDL	0.61	BDL	0.36
4/25/2013 20:14	0.69	BDL	0.22	BDL	0.22	BDL	0.3	BDL	0.05	BDL	0.82	BDL	0.61	BDL	0.34
4/25/2013 20:15	0.66	BDL	0.2	BDL	0.32	BDL	0.1	BDL	0.08	BDL	0.82	BDL	0.68	BDL	0.35
4/25/2013 20:17	0.68	BDL	0.2	BDL	0.18	BDL	0.27	BDL	0.09	BDL	0.82	BDL	0.57	BDL	0.32
4/25/2013 20:18	0.69	BDL	0.19	BDL	0.17	BDL	0.31	BDL	0.09	BDL	0.81	BDL	0.38	BDL	0.39
4/25/2013 20:19	0.7	BDL	0.22	BDL	0.2	BDL	0.2	BDL	0.11	BDL	0.81	BDL	0.53	BDL	0.32
4/25/2013 20:20	0.71	BDL	0.2	BDL	0.23	BDL	0.08	BDL	0.07	BDL	0.8	BDL	0.5	BDL	0.34
4/25/2013 20:21	0.72	BDL	0.22	BDL	0.35	BDL	0.16	BDL	0.1	BDL	0.8	BDL	0.64	BDL	0.33
4/25/2013 20:22	0.69	BDL	0.21	BDL	0.26	BDL	0.13	BDL	0.11	BDL	0.8	BDL	0.71	BDL	0.37
4/25/2013 20:23	0.72	BDL	0.22	BDL	0.21	BDL	0.08	BDL	0.11	BDL	0.79	BDL	0.4	BDL	0.35
4/25/2013 20:24	0.73	BDL	0.23	BDL	0.27	BDL	0.04	BDL	0.11	BDL	0.79	BDL	0.41	BDL	0.32
4/25/2013 20:25	0.74	BDL	0.24	BDL	0.22	BDL	0.25	BDL	0.13	BDL	0.79	BDL	0.55	BDL	0.34
4/25/2013 20:26	0.55	BDL	0.21	BDL	0.33	BDL	0.25	BDL	0.06	BDL	0.82	BDL	0.71	BDL	0.33
4/25/2013 20:27	0.53	BDL	0.16	BDL	0.46	BDL	0.17	BDL	0.06	BDL	0.84	BDL	0.64	BDL	0.23
4/25/2013 20:28	0.53	BDL	0.19	BDL	0.24	BDL	0.01	BDL	0.05	BDL	0.86	BDL	0.48	BDL	0.31
4/25/2013 20:29	0.55	BDL	0.2	BDL	0.33	BDL	0.17	BDL	0.08	BDL	0.88	BDL	0.63	BDL	0.31
4/25/2013 20:30	0.56	BDL	0.15	BDL	0.29	BDL	0.08	BDL	0.1	BDL	0.89	BDL	0.35	BDL	0.36
4/25/2013 20:31	0.54	BDL	0.2	BDL	0.19	BDL	0.03	BDL	0.05	BDL	0.9	BDL	0.29	BDL	0.24
4/25/2013 20:32	0.5	BDL	0.23	BDL	0.31	BDL	0.14	BDL	0.06	BDL	0.91	BDL	0.15	BDL	0.27
4/25/2013 20:33	0.49	BDL	0.19	BDL	0.15	BDL	0.31	BDL	0.02	BDL	0.91	BDL	0.3	BDL	0.33
4/25/2013 20:34	0.47	BDL	0.17	BDL	0.26	BDL	0.05	BDL	0.04	BDL	0.92	BDL	0.56	BDL	0.37
4/25/2013 20:35	0.48	BDL	0.16	BDL	0.18	BDL	0.18	BDL	0.02	BDL	0.92	BDL	0.5	BDL	0.25
4/25/2013 20:36	0.47	BDL	0.16	BDL	0.16	BDL	0.14	BDL	0.03	BDL	0.93	BDL	0.38	BDL	0.23
4/25/2013 20:37	0.52	BDL	0.19	BDL	0.38	BDL	0.31	BDL	0.06	BDL	0.9	BDL	0.49	BDL	0.26
4/25/2013 20:38	0.6	BDL	0.2	BDL	0.15	BDL	0.18	BDL	0.06	BDL	0.87	BDL	0.66	BDL	0.3
4/25/2013 20:39	0.62	BDL	0.2	BDL	0.27	BDL	0.12	BDL	0.09	BDL	0.86	BDL	0.58	BDL	0.34
4/25/2013 20:40	0.66	BDL	0.19	BDL	0.17	BDL	0.1	BDL	0.09	BDL	0.85	BDL	0.83	BDL	0.36
4/25/2013 20:41	0.68	BDL	0.2	BDL	0.12	BDL	0.32	BDL	0.08	BDL	0.85	BDL	0.64	BDL	0.3
4/25/2013 20:42	0.67	BDL	0.2	BDL	0.23	BDL	0.54	BDL	0.13	BDL	0.84	BDL	0.65	BDL	0.3
4/25/2013 20:43	0.63	BDL	0.21	BDL	0.26	BDL	0.09	BDL	0.07	BDL	0.84	BDL	0.53	BDL	0.31
4/25/2013 20:44	0.71	BDL	0.22	BDL	0.2	BDL	0.19	BDL	0.14	BDL	0.83	BDL	0.7	BDL	0.34
4/25/2013 20:45	0.69	BDL	0.19	BDL	0.2	BDL	0.39	BDL	0.13	BDL	0.83	BDL	0.36	BDL	0.34
4/25/2013 20:46	0.7	BDL	0.22	BDL	0.16	BDL	0.12	BDL	0.08	BDL	0.83	BDL	0.37	BDL	0.35
4/25/2013 20:47	0.67	BDL	0.22	BDL	0.19	BDL	0.08	BDL	0.12	BDL	0.83	BDL	0.25	BDL	0.32
4/25/2013 20:48	0.67	BDL	0.22	BDL	0.18	BDL	0.08	BDL	0.06	BDL	0.82	BDL	0.56	BDL	0.33
4/25/2013 20:50	0.68	BDL	0.25	BDL	0.27	BDL	0.06	BDL	0.05	BDL	0.82	BDL	0.56	BDL	0.31
4/25/2013 20:51	0.73	BDL	0.22	BDL	0.34	BDL	0.18	BDL	0.1	BDL	0.82	BDL	0.44	BDL	0.35
4/25/2013 20:52	0.71	BDL	0.21	BDL	0.21	BDL	0.13	BDL	0.11	BDL	0.81	BDL	0.25	BDL	0.35
4/25/2013 20:53	0.73	BDL	0.22	BDL	0.18	BDL	0.05	BDL	0.09	BDL	0.81	BDL	0.54	BDL	0.34
4/25/2013 20:54	0.74	BDL	0.2	BDL	0.14	BDL	0.13	BDL	0.07	BDL	0.8	BDL	0.41	BDL	0.31
4/25/2013 20:55	0.72	BDL	0.21	BDL	0.14	BDL	0.12	BDL	0.09	BDL	0.8	BDL	0.51	BDL	0.33
4/25/2013 20:56	0.75	BDL	0.2	BDL	0.29	BDL	0.07	BDL	0.1	BDL	0.8	BDL	0.8	BDL	0.36
4/25/2013 20:57	0.73	BDL	0.2	BDL	0.26	BDL	0.14	BDL	0.12	BDL	0.79	BDL	0.68	BDL	0.33
4/25/2013 20:58	0.72	BDL	0.22	BDL	0.29	BDL	0.03	BDL	0.12	BDL	0.79	BDL	0.48	BDL	0.34
4/25/2013 20:59	0.73	BDL	0.22	BDL	0.18	BDL	0.08	BDL	0.11	BDL	0.79	BDL	0.51	BDL	0.34
4/25/2013 21:00	0.7	BDL	0.19	BDL	0.28	BDL	0.09	BDL	0.08	BDL	0.8	BDL	0.3	BDL	0.31
4/25/2013 21:01	0.69	BDL	0.2	BDL	0.22	BDL	0.1	BDL	0.11	BDL	0.79	BDL	0.58	BDL	0.32
4/25/2013 21:02	0.65	BDL	0.2	BDL	0.27	BDL	0.05	BDL	0.09	BDL	0.79	BDL	0.25	BDL	0.32
4/25/2013 21:03	0.43	BDL	0.18	BDL	0.32	BDL	0.13	BDL	0.08	BDL	0.82	BDL	0.31	BDL	0.23
4/25/2013 21:04	0.47	BDL	0.18	BDL	0.2	BDL	0.1	BDL	0.06	BDL	0.86	BDL	0.55	BDL	0.06
4/25/2013 21:05	0.45	BDL	0.23	BDL	0.1	BDL	0.17	BDL	0.05	BDL	0.89	BDL	0.35	BDL	0.17
4/25/2013 21:06	0.51	BDL	0.11	BDL	0.25	BDL	0.13	BDL	0.08	BDL	0.91	BDL	0.39	BDL	0.12
4/25/2013 21:07	0.45	BDL	0.14	BDL	0.33	BDL	0.07	BDL	0.1	BDL	0.92	BDL	0.21	BDL	0.16
4/25/2013 21:08	0.44	BDL	0.12	BDL	0.12	BDL	0.24	BDL	0.07	BDL	0.93	BDL	0.42	BDL	0.2
4/25/2013 21:09	0.43	BDL	0.09	BDL	0.05	BDL	0.27	BDL	0.1	BDL	0.93	BDL	0.37	BDL	0.3
4/25/2013 21:10	0.45	BDL	0.14	BDL	0.27	BDL	0.14	BDL	0.03	BDL	0.94	BDL	0.44	BDL	0.16
4/25/2013 21:11	0.45	BDL	0.17	BDL	0.29	BDL	0.25	BDL	0.1	BDL	0.93	BDL	0.55	BDL	0.17
4/25/2013 21:12	0.5	BDL	0.14	BDL	0.21	BDL	0.34	BDL	0.03	BDL	0.89	BDL	0.54	BDL	0.22
4/25/2013 21:13	0.54	BDL	0.21	BDL	0.11	BDL	0.35	BDL	0.09	BDL	0.87	BDL	0.33	BDL	0.28
4/25/2013 21:14	0.53	BDL	0.22	BDL	0.36	BDL	0.07	BDL	0.08	BDL	0.86	BDL	0.29	BDL	0.31
4/25/2013 21:15	0.6	BDL	0.22	BDL	0.36	BDL	0.1	BDL	0.11	BDL	0.86	BDL	0.58	BDL	0.27
4/25/2013 21:16	0.64	BDL	0.22	BDL	0.09	BDL	0.28	BDL	0.12	BDL	0.85	BDL	0.42	BDL	0.3
4/25/2013 21:17	0.62	BDL	0.2	BDL	0.07	BDL	0.36	BDL	0.1	BDL	0.85	BDL	0.27	BDL	0.35
4/25/2013 21:18	0.66	BDL	0.19	BDL	0.2	BDL	0.17	BDL	0.07	BDL	0.83	BDL	0.51	BDL	0.33
4/25/2013 21:19	0.65	BDL	0.23	BDL	0.34	BDL	0.21	BDL	0.18	BDL	0.83	BDL	0.6	BDL	0.31
4/25/2013 21:20	0.64	BDL	0.23	BDL	0.13	BDL	0.28	BDL	0.12	BDL	0.83	BDL	0.2	BDL	0.36
4/25/2013 21:21	0.65	BDL	0.25	BDL	0.21	BDL	0.11	BDL	0.08	BDL	0.82	BDL	0.72	BDL	0.33

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Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8
4/25/2013 21:22	titan9	231	100	111	537	8027.386	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.04	BDL	0.1	BDL	0.8
4/25/2013 21:23	titan9	232	100	111	536	8050.175	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.05	BDL	0.13	BDL	0.8
4/25/2013 21:24	titan9	233	100	111	535	8079.192	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.18	BDL	0.7
4/25/2013 21:25	titan9	234	100	111	536	8033.104	Titan1-164	BDL	0.2	BDL	0.89	BDL	0.03	BDL	0.09	BDL	0.7
4/25/2013 21:27	titan9	235	100	111	535	7978.408	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.12	BDL	0.8
4/25/2013 21:28	titan9	236	100	111	536	7986.112	Titan1-164	BDL	0.2	BDL	0.89	BDL	0.03	BDL	0.12	BDL	0.8
4/25/2013 21:29	titan9	237	100	111	536	7951.197	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.12	BDL	0.8
4/25/2013 21:30	titan9	238	100	111	534	7947.867	Titan1-164	BDL	0.21	BDL	0.89	BDL	0.06	BDL	0.1	BDL	0.8
4/25/2013 21:31	titan9	239	100	111	536	7935.855	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.16	BDL	0.8
4/25/2013 21:32	titan9	240	100	111	535	7910.234	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.11	BDL	0.8
4/25/2013 21:33	titan9	241	100	111	535	7885.148	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.04	BDL	0.08	BDL	0.8
4/25/2013 21:34	titan9	242	100	111	532	7825.345	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.04	BDL	0.19	BDL	0.8
4/25/2013 21:35	titan9	243	100	111	535	7796.731	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.06	BDL	0.18	BDL	0.8
4/25/2013 21:36	titan9	244	100	111	534	7826.707	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.04	BDL	0.34	BDL	0.8
4/25/2013 21:37	titan9	245	100	111	535	7914.407	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.05	BDL	0.16	BDL	0.8
4/25/2013 21:38	titan9	246	100	111	536	7964.492	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.04	BDL	0.3	BDL	0.7
4/25/2013 21:39	titan9	247	100	111	537	8015.17	Titan1-164	BDL	0.15	BDL	0.88	BDL	0.03	BDL	0.29	BDL	0.7
4/25/2013 21:40	titan9	248	100	111	536	8087.541	Titan1-164	BDL	0.08	BDL	0.88	BDL	0.04	BDL	0.22	BDL	0.7
4/25/2013 21:41	titan9	249	100	111	536	8000.312	Titan1-164	BDL	0.05	BDL	0.88	BDL	0.04	BDL	0.23	BDL	0.7
4/25/2013 21:42	titan9	250	100	111	536	7935.796	Titan1-164	BDL	0.05	BDL	0.88	BDL	0.05	BDL	0.25	BDL	0.7
4/25/2013 21:43	titan9	251	100	111	536	7920.589	Titan1-164	BDL	0.04	BDL	0.88	BDL	0.06	BDL	0.21	BDL	0.7
4/25/2013 21:44	titan9	252	100	111	536	7889.725	Titan1-164	BDL	0.04	BDL	0.87	BDL	0.04	BDL	0.19	BDL	0.7
4/25/2013 21:45	titan9	253	100	111	536	7899.187	Titan1-164	BDL	0.01	BDL	0.87	BDL	0.05	BDL	0.14	BDL	0.7
4/25/2013 21:46	titan9	254	100	111	535	7859.682	Titan1-164	BDL	0.06	BDL	0.88	BDL	0.06	BDL	0.12	BDL	0.7
4/25/2013 21:47	titan9	255	100	111	534	7831.337	Titan1-164	BDL	0.11	BDL	0.87	BDL	0.05	BDL	0.22	BDL	0.7
4/25/2013 21:48	titan9	256	100	111	533	7827.41	Titan1-164	BDL	0.13	BDL	0.88	BDL	0.04	BDL	0.2	BDL	0.8
4/25/2013 21:49	titan9	257	100	111	535	7775.682	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.06	BDL	0.21	BDL	0.8
4/25/2013 21:50	titan9	258	100	111	533	7776.382	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.04	BDL	0.22	BDL	0.8
4/25/2013 21:51	titan9	259	100	111	536	7806.376	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.05	BDL	0.13	BDL	0.8
4/25/2013 21:52	titan9	260	100	111	532	7896.793	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.07	BDL	0.22	BDL	0.7
4/25/2013 21:53	titan9	261	100	111	535	7893.44	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.05	BDL	0.15	BDL	0.7
4/25/2013 21:54	titan9	262	100	111	536	7928.631	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.04	BDL	0.12	BDL	0.7
4/25/2013 21:55	titan9	263	100	111	537	7907.344	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.05	BDL	0.08	BDL	0.7
4/25/2013 21:56	titan9	264	100	111	536	7879.22	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.02	BDL	0.29	BDL	0.7
4/25/2013 21:57	titan9	265	100	111	536	7848.439	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.05	BDL	0.23	BDL	0.8
4/25/2013 21:58	titan9	266	100	111	536	7849.963	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.04	BDL	0.1	BDL	0.8
4/25/2013 21:59	titan9	267	100	111	534	7883.624	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.05	BDL	0.19	BDL	0.8
4/25/2013 22:01	titan9	268	100	111	532	7862.263	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.04	BDL	0.09	BDL	0.8
4/25/2013 22:02	titan9	269	100	111	534	7819.273	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.05	BDL	0.18	BDL	0.8
4/25/2013 22:03	titan9	270	100	111	535	7785.585	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.02	BDL	0.14	BDL	0.8
4/25/2013 22:04	titan9	271	100	111	535	7743.944	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.05	BDL	0.18	BDL	0.8
4/25/2013 22:05	titan9	272	100	111	535	7774.817	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.05	BDL	0.12	BDL	0.8
4/25/2013 22:06	titan9	273	100	111	533	7772.394	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.03	BDL	0.1	BDL	0.8
4/25/2013 22:07	titan9	274	100	111	535	7800.28	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.03	BDL	0.18	BDL	0.8
4/25/2013 22:08	titan9	275	100	111	536	7887.901	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.06	BDL	0.2	BDL	0.7
4/25/2013 22:09	titan9	276	100	111	533	7893.468	Titan1-164	BDL	0.19	BDL	0.87	BDL	0.06	BDL	0.21	BDL	0.7
4/25/2013 22:10	titan9	277	100	111	536	7929.213	Titan1-164	BDL	0.18	BDL	0.88	BDL	0.04	BDL	0.22	BDL	0.7
4/25/2013 22:11	titan9	278	100	111	536	7861.273	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.06	BDL	0.27	BDL	0.8
4/25/2013 22:12	titan9	279	100	111	532	7840.8	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.05	BDL	0.19	BDL	0.7
4/25/2013 22:13	titan9	280	100	111	536	7806.328	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.04	BDL	0.21	BDL	0.7
4/25/2013 22:14	titan9	281	100	111	535	7797.271	Titan1-164	BDL	0.2	BDL	0.87	BDL	0.05	BDL	0.24	BDL	0.8
4/26/2013 7:30	titan10	1	100	111	538	7983.895	Titan1-164	BDL	0.11	BDL	0.87	BDL	0.24	BDL	0.11	BDL	0.8
4/26/2013 7:40	titan10	2	100	111	493	7885.4	Titan1-164	BDL	0.2	BDL	0.72	BDL	0.66	BDL	0.1	BDL	0.4
4/26/2013 7:41	titan10	3	100	111	538	7892.887	Titan1-164	BDL	0.19	BDL	0.79	BDL	0.73	BDL	0.23	BDL	0.7
4/26/2013 7:42	titan10	4	100	111	539	7826.311	Titan1-164	BDL	0.17	BDL	0.85	BDL	0.77	BDL	0.3	BDL	0.8
4/26/2013 7:43	titan10	5	100	111	539	7674.814	Titan1-164	BDL	0.18	BDL	0.84	BDL	0.65	BDL	0.31	BDL	0.1
4/26/2013 7:44	titan10	6	100	111	541	7698.901	Titan1-164	BDL	0.08	BDL	0.86	BDL	0.78	BDL	0.33	BDL	0.6
4/26/2013 7:45	titan10	7	100	111	539	7669.352	Titan1-164	BDL	0.07	BDL	0.85	BDL	0.75	BDL	0.33	BDL	0.1
4/26/2013 7:46	titan10	8	100	111	539	7676.111	Titan1-164	BDL	0.12	BDL	0.79	BDL	0.64	BDL	0.32	BDL	0.4
4/26/2013 7:47	titan10	9	100	111	537	7696.614	Titan1-164	BDL	0.13	BDL	0.79	BDL	0.62	BDL	0.35	BDL	0.6
4/26/2013 7:48	titan10	10	100	111	537	7671.718	Titan1-164	BDL	0.09	BDL	0.85	BDL	0.75	BDL	0.38	BDL	0
4/26/2013 7:49	titan10	11	100	111	537	7659.138	Titan1-164	BDL	0.12	BDL	0.85	BDL	0.8	BDL	0.35	BDL	0.4
4/26/2013 7:50	titan10	12	100	111	537	7620.97	Titan1-164	BDL	0.14	BDL	0.84	BDL	0.76	BDL	0.35	BDL	0.1
4/26/2013 7:51	titan10	13	100	111	537	7670.936	Titan1-164	BDL	0.12	BDL	0.85	BDL	0.75	BDL	0.36	BDL	0.4
4/26/2013 7:52	titan10	14	100	111	537	7507.611	Titan1-164	BDL	0.12	BDL	0.84	BDL	0.47	BDL	0.36	BDL	0.2
4/26/2013 7:53	titan10	15	100	111	537	7593.257	Titan1-164	BDL	0.12	BDL	0.82	BDL	0.43	BDL	0.35	BDL	0.1
4/26/2013 7:54	titan10	16	100	111	537	7571.334	Titan1-164	BDL	0	BDL	0.84	BDL	0.69	BDL	0.33	BDL	0.2
4/26/2013 7:55	titan10	17	100	111	539	7529.947	Titan1-164	BDL	0	BDL	0.84	BDL	0.57	BDL	0.35	BDL	0.2
4/26/2013 7:56	titan10	18	100	111	540	7515.948	Titan1-164	BDL	0.11	BDL	0.82	BDL	0.65	BDL	0.34	BDL	0.1
4/26/2013 7:57	titan10	19	100	111	541	7593.128	Titan1-164	BDL	0.09	BDL	0.84	BDL	0.7	BDL	0.29	BDL	0.1
4/26/2013 7:58	titan10	20	100	111	537	7560.39	Titan1-164	BDL	0.09	BDL	0.83	BDL	0.55	BDL	0.4	BDL	0
4/26/2013 7:59	titan10	21	100	111	540	7527.334	Titan1-164	BDL	0.12	BDL	0.82	BDL	0.67	BDL	0.34	BDL	0
4/26/2013 8:00	titan10	22	100	111	541	7476.864	Titan1-164	BDL	0.02	BDL	0.83	BDL	0.6	BDL	0.37	BDL	0
4/26/2013 8:01	titan10	23	100	111	541	7529.604	Titan1-164	BDL	0.1	BDL	0.8	BDL	0.48	BDL	0.29	BDL	0.1
4/26/2013 8:02	titan10	24	100	111	541	7577.256	Titan1-164	BDL	0.13	BDL	0.83	BDL	0.55	BDL	0.34	BDL	0.1
4/26/2013 8:03	titan10	25	100	111	541	7482.961	Titan1-164	BDL	0.02	BDL	0.83	BDL	0.67	BDL	0.34	BDL	0.3
4/26/2013 8:04	titan10	26	100	111	541	7554.801	Titan1-164	BDL	0.12	BDL	0.84	BDL	0.46	BDL	0.34	BDL	0.3
4/26/2013 8:05	titan10	27	100	111	541	7721.746	Titan1-164	BDL	0.14	BDL	0.84	BDL	0.56	BDL	0.3	BDL	0
4/26/2013 8:06	titan10	28	100	111	541	7662.824	Titan1-164	BDL	0.12	BDL	0.84	BDL	0.57	BDL	0.3	BDL	0.2
4/26/2013 8:07	titan10	29	100	111	541	7774.281	Titan1-164	BDL	0.1	BDL	0.82	BDL	0.4	BDL	0.31	BDL	0.1
4/26/2013 8:08	titan10	30	100	111	540	7817.239	Titan1-164	BDL	0.2	BDL	0.83	BDL	0.45	BDL	0.3	BDL	0
4/26/2013 8:09	titan10	31	100	111	539	7912.815	Titan1-164	BDL	0.21	BDL	0.84	BDL	0.26	BDL	0.26	BDL	0.3
4/26/2013 8:10	titan10	32	100	111	541	8225.054	Titan1-164	BDL	0.22	BDL	0.85	BDL	0.18	BDL	0.25	BDL	0.4
4/26/2013 8:11	titan10	33	100	111	540	8327.304	Titan1-164	BDL	0.23	BDL	0.87	BDL	0.41	BDL	0.27	BDL	0.2
4/26/2013 8:12	titan10	34	100	111	541	8393.261	Titan1-164	BDL	0.22	BDL	0.86	BDL	0.32	BDL	0.25	BDL	0.1
4/26/2013 8:13	titan10	35	100	111	541	8422.637	Titan1-164	BDL	0.23	BDL	0.88	BDL	0.55	BDL	0.24	BDL	0
4/26/2013 8:14	titan10	36	100	111	541	8392.438	Titan1-164	BDL	0.22	BDL	0.88	BDL	0.45	BDL	0.23	BDL	0.2
4/26/2013 8:15	titan10	37	100	111	541	8365.491	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.38	BDL	0.29	BDL	0.2
4/26/2013 8:16	titan10	38	100	111	541	8383.85	Titan1-164	BDL	0.2	BDL	0.88	BDL	0.37	BDL	0.2	BDL	0.2
4/26/2013 8:17	titan10	39	100	111	541	8368.256	Titan1-164	BDL	0.22	BDL	0.86	BDL	0.29	BDL	0.15	BDL	0.1
4/26/2013 8:18	titan10	40	100	111	541	8400.801	Titan1-164	BDL	0.22	BDL	0.86	BDL	0.31	BDL	0.16	BDL	0
4/26/2013 8:19	titan10	41	100	111	541	8366.027	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.27	BDL	0.17	BDL	0.2
4/26/2013 8:20	titan10	42	100	111	541	8335.207	Titan1-164	BDL	0.19	BDL	0.88	BDL	0.2	BDL	0.17	BDL	0.3
4/26/2013 8:21	titan10	43	100	111	541	8346.912	Titan1-164	BDL	0.17	BDL	0.88	BDL	0.34	BDL	0.23	BDL	0.1
4/26/2013 8:23	titan10	44	100	111	540	8328.771	Titan1-164	BDL	0.17	BDL	0.86	BDL	0.36	BDL	0.19	BDL	0.1
4/26/2013 8:24	titan10	45	100	111	541	8305.33	Titan1-164	BDL	0.16	BDL	0.88	BDL	0.21	BDL	0.19	BDL	0.3
4/26/2013 8:25	titan10	46	100	111	541	8306.136	Titan1-164	BDL	0.14	BDL	0.88	BDL	0.34	BDL	0.16	BDL	0.2
4/26/2013 8:26	titan10	47	100	111	541	8269.034	Titan1-164	BDL	0.09	BDL	0.88	BDL	0.21	BDL	0.14	BDL	0.4
4/26/2013 8:27	titan10	48	100	111	541	8233.593	Titan1-164	BDL	0	BDL	0.88	BDL	0.23	BDL	0.2	BDL	0.5
4/26/2013 8:28	titan10	49	100	111	541	8282.389	Titan1-164	BDL	0.11	BDL	0.88	BDL	0.24	BDL	0.13	BDL	0.4
4/26/2013 8:29	titan10	50	100	111	541	8268.358	Titan1-164	BDL	0.16	BDL	0.86	BDL	0.27	BDL	0.16	BDL	0.2
4/26/2013 8:30	titan10	51	100	111	540	8241.332	Titan1-164	BDL	0.13	BDL	0.87	BDL	0.23	BDL	0.19	BDL	0.3
4/26/2013 8:31	titan10	52	100	111	541	8176.674	Titan1-164	BDL	0.02	BDL	0.87	BDL	0.24	BDL	0.19	BDL	0.4
4/26/2013 8:32	titan10	53	100	111	541	8172.879	Titan1-164	BDL	0.04	BDL	0.88	BDL	0.2	BDL	0.15	BDL	0.5
4/26/2013 8:33	titan10	54	100	111	541	8157.612	Titan1-164	BDL	0.03	BDL	0.86	BDL	0.25	BDL	0.15	BDL	0.3
4/26/2013 8:34	titan10	55	100	111	540	8190.445	Titan1-164	BDL	0.08	BDL	0.87	BDL	0.21	BDL	0.15	BDL	0.4
4/26/2013 8:35	titan10	56	100	111	537	8195.948	Titan1-164	BDL	0.07	BDL	0.88	BDL	0.19	BDL	0.19	BDL	0.4
4/26/2013 8:36	titan10	57	100	111	537	8151.433	Titan1-164	BDL	0.04	BDL	0.87	BDL	0.22	BDL	0.18	BDL	0.4
4/26/2013 8:37	titan10	58	100	111	537	8117.018	Titan1-164	BDL	0.01	BDL	0.87	BDL	0.16	BDL	0.15	BDL	0.6
4/26/2013 8:38	titan10	59	100	111	540	8114.903	Titan1-164	BDL	0	BDL	0.86	BDL	0.22	BDL	0.15	BDL	0.4
4/26/2013 8:39	titan10	60	100	111	538	8170.184	Titan1-164	BDL	0.02	BDL	0.87	BDL	0.19	BDL	0.18	BDL	0.6
4/26/2013 8:40	titan10	61	100	111	537	8174.339	Titan1-164	BDL	0.07	BDL	0.86	BDL	0.2	BDL	0.23	BDL	0.5
4/26/2013 8:41	titan10	62	100	111	537	8230.895	Titan1-164	BDL	0.08	BDL	0.87	BDL	0.17	BDL	0.18	BDL	0.5
4/26/2013 8:42	titan10	63	100	111	537	8315.676	Titan1-164	BDL	0.14	BDL	0.86	BDL	0.15	BDL	0.17	BDL	0.5
4/26/2013 8:43	titan10	64	100	111	537	8292.042	Titan1-164	BDL	0.13	BDL	0.87	BDL	0.18	BDL	0.21	BDL	0.5
4/26/2013 8:44	titan10	65	100	111	537	8220.715	Titan1-164	BDL	0.12	BDL	0.86	BDL	0.22	BDL	0.15	BDL	0.3
4/26/2013 8:45	titan10	66	100	111	537	8200.594	Titan1-164	BDL	0.08	BDL	0.86	BDL	0.19	BDL	0.17	BDL	0.5
4/26/2013 8:46	titan10	67	100	111	537	8260.927	Titan1-164	BDL	0.13	BDL	0.87	BDL	0.13	BDL	0.2	BDL	0.5
4/26/2013 8:47	titan10	68	100	111	537	8646.251	Titan1-164	BDL	0.21	BDL	0.87	BDL	0.19	BDL	0.21	BDL	0.4
4/26/2013 8:48	titan10	69	100	111	537	8920.831	Titan1-164	BDL	0.21	BDL	0.88	BDL	0.11	BDL	0.15	BDL	0.4
4/26/2013 8:49	titan10	70	100	111	537	9138.651	Titan1-164	BDL	0.22	BDL	0.89	BDL	0.14	BDL	0.18	BDL	0.3
4/26/2013 8:50	titan10	71	100	111	537	9168.246	Titan1-164	BDL	0.22	BDL	0.89	BDL	0.17	BDL	0.18	BDL	0.3
4/26/2013 8:51	titan10	72	100	111	537	9126.351	Titan1-164	BDL	0.21	BDL	0.89	BDL	0.09	BDL	0.16	BDL	0.4
4/26/2013 8:52	titan10	73	100	111	537	9089.635	Titan1-164	BDL	0.2	BDL	0.89	BDL	0.16	BDL	0.15	BDL	0.4
4/26/2013 8:53	titan10	74	100	111	536	8265.486	Titan1-164	BDL	0.21	BDL	0.87	BDL	0.27	BDL	0.15	BDL	0.1
4/26/2013 8:54	titan10	75	100	111	537	9012.181	Titan1-164	BDL	0.18	BDL	0.9	BDL	0.22	BDL	0.14	BDL	0.4
4/26/2013 8:55	titan10	76	100	111	537	9114.589	Titan1-164	BDL	0.16	BDL	0.89	BDL	0.22	BDL	0.15	BDL	0.4
4/26/2013 8:56	titan10	77	100	111	537	9076.743	Titan1-164	BDL	0.15	BDL	0.9	BDL	0.18	BDL	0.12	BDL	0.4
4/26/2013 8:57	titan10	78	100	111	537	9031.72	Titan1-164	BDL	0.13	BDL	0.89	BDL	0.18	BDL	0.13	BDL	0.4
4/26/2013 8:58	titan10	79	100	111	537	8996.069	Titan1-164	BDL	0.13	BDL	0.89	BDL	0.15	BDL	0.13	BDL	0.5
4/26/2013 8:59	titan10	80	100	111	536	8954.358	Titan1-164	BDL	0.07	BDL	0.9	BDL	0.07	BDL	0.15	BDL	0.5

Sample Date/Time	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2
Maximum:	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4
4/25/2013 21:22	BDL	0.05	BDL	0.45	BDL	0.61	BDL	0.07	BDL	0.07	BDL	0.04	BDL	0.02	BDL	0.03	BDL	0.52
4/25/2013 21:23	BDL	0.06	BDL	0.46	BDL	0.62	BDL	0.54	BDL	0.07	BDL	0	BDL	0.03	BDL	0.02	BDL	0.52
4/25/2013 21:24	BDL	0.05	BDL	0.46	BDL	0.64	BDL	0.53	BDL	0.08	BDL	0.02	BDL	0.02	BDL	0.09	BDL	0.51
4/25/2013 21:25	BDL	0.02	BDL	0.45	BDL	0.54	BDL	0.5	BDL	0.08	BDL	0.03	BDL	0.03	BDL	0.03	BDL	0.52
4/25/2013 21:27	BDL	0.03	BDL	0.45	BDL	0.53	BDL	0.52	BDL	0.08	BDL	0.02	BDL	0.04	BDL	0.06	BDL	0.52
4/25/2013 21:28	BDL	0.07	BDL	0.45	BDL	0.64	BDL	0.17	BDL	0.08	BDL	0.02	BDL	0.01	BDL	0.05	BDL	0.52
4/25/2013 21:29	BDL	0.02	BDL	0.45	BDL	0.64	BDL	0.51	BDL	0.08	BDL	0.02	BDL	0.02	BDL	0.05	BDL	0.52
4/25/2013 21:30	BDL	0.07	BDL	0.45	BDL	0.56	BDL	0.52	BDL	0.08	BDL	0.02	BDL	0.02	BDL	0.1	BDL	0.52
4/25/2013 21:31	BDL	0.04	BDL	0.45	BDL	0.58	BDL	0.49	BDL	0.08	BDL	0.01	BDL	0.02	BDL	0.06	BDL	0.51
4/25/2013 21:32	BDL	0.05	BDL	0.45	BDL	0.62	BDL	0.49	BDL	0.08	BDL	0.03	BDL	0.04	BDL	0.04	BDL	0.53
4/25/2013 21:33	BDL	0.05	BDL	0.44	BDL	0.6	BDL	0.46	BDL	0.08	BDL	0.03	BDL	0.01	BDL	0.06	BDL	0.52
4/25/2013 21:34	BDL	0.03	BDL	0.44	BDL	0.57	BDL	0.47	BDL	0.08	BDL	0.01	BDL	0.06	BDL	0.08	BDL	0.52
4/25/2013 21:35	BDL	0.05	BDL	0.45	BDL	0.61	BDL	0.44	BDL	0.08	BDL	0.06	BDL	0.02	BDL	0.13	BDL	0.52
4/25/2013 21:36	BDL	0.04	BDL	0.44	BDL	0.62	BDL	0.47	BDL	0.08	BDL	0.02	BDL	0.02	BDL	0.07	BDL	0.52
4/25/2013 21:37	BDL	0.02	BDL	0.44	BDL	0.66	BDL	0.4	BDL	0.09	BDL	0.02	BDL	0.06	BDL	0.12	BDL	0.52
4/25/2013 21:38	BDL	0.07	BDL	0.45	BDL	0.55	BDL	0.41	BDL	0.09	BDL	0	BDL	0.04	BDL	0.15	BDL	0.52
4/25/2013 21:39	BDL	0.02	BDL	0.45	BDL	0.54	BDL	0.42	BDL	0.09	BDL	0.02	BDL	0.12	BDL	0.16	BDL	0.51
4/25/2013 21:40	BDL	0.02	BDL	0.47	BDL	0.35	BDL	0.4	BDL	0.09	BDL	0.02	BDL	0.14	BDL	0.16	BDL	0.5
4/25/2013 21:41	BDL	0.04	BDL	0.46	BDL	0.42	BDL	0.42	BDL	0.06	BDL	0.02	BDL	0.04	BDL	0.16	BDL	0.5
4/25/2013 21:42	BDL	0.04	BDL	0.47	BDL	0.34	BDL	0.39	BDL	0.06	BDL	0.02	BDL	0.03	BDL	0.17	BDL	0.49
4/25/2013 21:43	BDL	0.03	BDL	0.48	BDL	0.42	BDL	0.39	BDL	0.07	BDL	0	BDL	0.03	BDL	0.21	BDL	0.48
4/25/2013 21:44	BDL	0.04	BDL	0.48	BDL	0.16	BDL	0.4	BDL	0.07	BDL	0.01	BDL	0.01	BDL	0.18	BDL	0.49
4/25/2013 21:45	BDL	0.02	BDL	0.47	BDL	0.06	BDL	0.41	BDL	0.07	BDL	0.01	BDL	0.01	BDL	0.21	BDL	0.49
4/25/2013 21:46	BDL	0.07	BDL	0.45	BDL	0.23	BDL	0.46	BDL	0.06	BDL	0.02	BDL	0.02	BDL	0.21	BDL	0.51
4/25/2013 21:47	BDL	0.05	BDL	0.43	BDL	0.25	BDL	0.44	BDL	0.06	BDL	0.05	BDL	0.02	BDL	0.17	BDL	0.52
4/25/2013 21:48	BDL	0.03	BDL	0.45	BDL	0.26	BDL	0.47	BDL	0.06	BDL	0.01	BDL	0.04	BDL	0.19	BDL	0.5
4/25/2013 21:49	BDL	0.07	BDL	0.43	BDL	0.31	BDL	0.48	BDL	0.07	BDL	0.03	BDL	0.04	BDL	0.15	BDL	0.51
4/25/2013 21:50	BDL	0.14	BDL	0.45	BDL	0.49	BDL	0.49	BDL	0.07	BDL	0.03	BDL	0.01	BDL	0.12	BDL	0.51
4/25/2013 21:51	BDL	0.07	BDL	0.44	BDL	0.44	BDL	0.48	BDL	0.07	BDL	0.01	BDL	0.01	BDL	0.1	BDL	0.51
4/25/2013 21:52	BDL	0.05	BDL	0.45	BDL	0.44	BDL	0.51	BDL	0.07	BDL	0.02	BDL	0.02	BDL	0.12	BDL	0.51
4/25/2013 21:53	BDL	0.05	BDL	0.45	BDL	0.45	BDL	0.51	BDL	0.07	BDL	0.01	BDL	0.03	BDL	0.18	BDL	0.5
4/25/2013 21:54	BDL	0.09	BDL	0.45	BDL	0.4	BDL	0.51	BDL	0.07	BDL	0.01	BDL	0.01	BDL	0.14	BDL	0.51
4/25/2013 21:55	BDL	0.05	BDL	0.46	BDL	0.62	BDL	0.49	BDL	0.07	BDL	0.03	BDL	0.02	BDL	0.12	BDL	0.5
4/25/2013 21:56	BDL	0.09	BDL	0.46	BDL	0.56	BDL	0.5	BDL	0.07	BDL	0.01	BDL	0.02	BDL	0.12	BDL	0.51
4/25/2013 21:57	BDL	0.06	BDL	0.44	BDL	0.57	BDL	0.5	BDL	0.07	BDL	0.02	BDL	0.01	BDL	0.05	BDL	0.51
4/25/2013 21:58	BDL	0.04	BDL	0.45	BDL	0.37	BDL	0.52	BDL	0.08	BDL	0.03	BDL	0.02	BDL	0.07	BDL	0.51
4/25/2013 21:59	BDL	0.06	BDL	0.46	BDL	0.44	BDL	0.53	BDL	0.07	BDL	0	BDL	0.03	BDL	0.09	BDL	0.51
4/25/2013 22:01	BDL	0.06	BDL	0.44	BDL	0.49	BDL	0.48	BDL	0.07	BDL	0	BDL	0.07	BDL	0.07	BDL	0.51
4/25/2013 22:02	BDL	0.07	BDL	0.44	BDL	0.51	BDL	0.5	BDL	0.07	BDL	0.03	BDL	0.04	BDL	0.03	BDL	0.51
4/25/2013 22:03	BDL	0.09	BDL	0.45	BDL	0.5	BDL	0.52	BDL	0.08	BDL	0.01	BDL	0.05	BDL	0.05	BDL	0.52
4/25/2013 22:04	BDL	0.03	BDL	0.44	BDL	0.51	BDL	0.46	BDL	0.07	BDL	0	BDL	0.02	BDL	0.06	BDL	0.53
4/25/2013 22:05	BDL	0.07	BDL	0.44	BDL	0.58	BDL	0.49	BDL	0.08	BDL	0.01	BDL	0.05	BDL	0.1	BDL	0.52
4/25/2013 22:06	BDL	0.11	BDL	0.45	BDL	0.59	BDL	0.46	BDL	0.08	BDL	0.03	BDL	0.09	BDL	0.06	BDL	0.52
4/25/2013 22:07	BDL	0.09	BDL	0.45	BDL	0.6	BDL	0.48	BDL	0.08	BDL	0.02	BDL	0.04	BDL	0.09	BDL	0.53
4/25/2013 22:08	BDL	0.05	BDL	0.45	BDL	0.51	BDL	0.46	BDL	0.09	BDL	0	BDL	0.06	BDL	0.17	BDL	0.52
4/25/2013 22:09	BDL	0.04	BDL	0.46	BDL	0.43	BDL	0.43	BDL	0.08	BDL	0.02	BDL	0.06	BDL	0.16	BDL	0.51
4/25/2013 22:10	BDL	0.08	BDL	0.46	BDL	0.49	BDL	0.46	BDL	0.08	BDL	0.01	BDL	0.13	BDL	0.19	BDL	0.51
4/25/2013 22:11	BDL	0.03	BDL	0.46	BDL	0.44	BDL	0.47	BDL	0.08	BDL	0.02	BDL	0.07	BDL	0.13	BDL	0.51
4/25/2013 22:12	BDL	0.04	BDL	0.45	BDL	0.51	BDL	0.42	BDL	0.08	BDL	0.01	BDL	0.04	BDL	0.14	BDL	0.52
4/25/2013 22:13	BDL	0.02	BDL	0.45	BDL	0.52	BDL	0.42	BDL	0.09	BDL	0	BDL	0.03	BDL	0.18	BDL	0.51
4/25/2013 22:14	BDL	0.03	BDL	0.45	BDL	0.54	BDL	0.41	BDL	0.09	BDL	0.02	BDL	0.06	BDL	0.2	BDL	0.5
4/26/2013 7:30	BDL	0.19	BDL	0.47	BDL	0.18	BDL	0.32	BDL	0.17	BDL	0.09	0.005702	0.33	BDL	0.14	BDL	0.04
4/26/2013 7:40	BDL	0.38	BDL	0.08	BDL	0.22	BDL	0.24	BDL	0.02	BDL	0.09	0.07707	0.91	BDL	0.14	BDL	0.51
4/26/2013 7:41	BDL	0.54	BDL	0.3	BDL	0.29	BDL	0.25	BDL	0.08	BDL	0.12	0.087004	0.89	BDL	0.16	BDL	0.56
4/26/2013 7:42	BDL	0.17	BDL	0.17	BDL	0.33	BDL	0.21	BDL	0.02	BDL	0.17	0.026714	0.8	BDL	0.16	BDL	0.35
4/26/2013 7:43	BDL	0.11	BDL	0.49	BDL	0.19	BDL	0.16	BDL	0.06	BDL	0.27	0.017244	0.93	BDL	0.15	BDL	0.37
4/26/2013 7:44	BDL	0.06	BDL	0.49	BDL	0.31	BDL	0.09	BDL	0.07	BDL	0.25	0.012146	0.79	BDL	0.15	BDL	0.45
4/26/2013 7:45	BDL	0.1	BDL	0.45	BDL	0.06	BDL	0.04	BDL	0.11	BDL	0.29	0.010108	0.82	BDL	0.16	BDL	0.46
4/26/2013 7:46	BDL	0.04	BDL	0.46	BDL	0.28	BDL	0.26	BDL	0.07	BDL	0.15	0.057972	0.92	BDL	0.18	BDL	0.4
4/26/2013 7:47	BDL	0.34	BDL	0.31	BDL	0.18	BDL	0.19	BDL	0.07	BDL	0.18	0.074106	0.92	BDL	0.19	BDL	0.21
4/26/2013 7:48	BDL	0.03	BDL	0.44	BDL	0.13	BDL	0.24	BDL	0.1	BDL	0.32	0.003278	0.46	BDL	0.15	BDL	0.43
4/26/2013 7:49	BDL	0.05	BDL	0.42	BDL	0.17	BDL	0.25	BDL	0.07	BDL	0.27	0.006165	0.61	BDL	0.16	BDL	0.33
4/26/2013 7:50	BDL	0.03	BDL	0.43	BDL	0.22	BDL	0.28	BDL	0.02	BDL	0.36	0.004157	0.61	BDL	0.15	BDL	0.34
4/26/2013 7:51	BDL	0.04	BDL	0.45	BDL	0.23	BDL	0.27	BDL	0.08	BDL	0.28	0.004387	0.58	BDL	0.17	BDL	0.37
4/26/2013 7:52	BDL	0.03	BDL	0.49	BDL	0.05	BDL	0.27	BDL	0.06	BDL	0.26	0.016918	0.87	BDL	0.18	BDL	0.42
4/26/2013 7:53	BDL	0.02	BDL	0.46	BDL	0.13	BDL	0.27	BDL	0.07	BDL	0.31	0.053112	0.94	BDL	0.19	BDL	0.42
4/26/2013 7:54	BDL	0.04	BDL	0.44	BDL	0.13	BDL	0.03	BDL	0.06	BDL	0.34	0.004095	0.61	BDL	0.19	BDL	0.49
4/26/2013 7:55	BDL	0.07	BDL	0.46	BDL	0.1	BDL	0.02	BDL	0.06	BDL	0.4	0.013805	0.88	BDL	0.15	BDL	0.47
4/26/2013 7:56	BDL	0.03	BDL	0.44	BDL	0.2	BDL	0.05	BDL	0.05	BDL	0.34	0.033114	0.93	BDL	0.16	BDL	0.4
4/26/2013 7:57	BDL	0.03	BDL	0.47	BDL	0.19	BDL	0.06	BDL	0.08	BDL	0.42	0.005314	0.67	BDL	0.17	BDL	0.4
4/26/2013 7:58	BDL	0.04	BDL	0.46	BDL	0.21	BDL	0.06	BDL	0.08	BDL	0.28	0.026735	0.91	BDL	0.19	BDL	0.41
4/26/2013 7:59	BDL	0.02	BDL	0.46	BDL	0.12	BDL	0.08	BDL	0.07	BDL	0.21	0.036015	0.91	BDL	0.17	BDL	0.36
4/26/2013 8:00	BDL	0.05	BDL	0.41	BDL	0.22	BDL	0.09	BDL	0.09	BDL	0.33	0.013208	0.84	BDL	0.16	BDL	0.47
4/26/2013 8:01	BDL	0.04	BDL	0.42	BDL	0.23	BDL	0.07	BDL	0.04	BDL	0.21	0.104011	0.94	BDL	0.18	BDL	0.34
4/26/2013 8:02	BDL	0.03	BDL	0.44	BDL	0.18	BDL	0.1	BDL	0.07	BDL	0.21	0.020318	0.87	BDL	0.18	BDL	0.36
4/26/2013 8:03	BDL	0.02	BDL	0.45	BDL	0.08	BDL	0.11	BDL	0.06	BDL	0.26	0.006433	0.66	BDL	0.17	BDL	0.43
4/26/2013 8:04	BDL	0.09	BDL	0.46	BDL	0.21	BDL	0.1	BDL	0.06	BDL	0.3	0.007581	0.75	BDL	0.18	BDL	0.35
4/26/2013 8:05	BDL	0.05	BDL	0.39	BDL	0.22	BDL	0.1	BDL	0.01	BDL	0.23	0.017363	0.87	BDL	0.18	BDL	0.21
4/26/2013 8:06	BDL	0.01	BDL	0.46	BDL	0.09	BDL	0.11	BDL	0.05	BDL	0.33	0.008065	0.76	BDL	0.17	BDL	0.34
4/26/2013 8:07	BDL	0.04	BDL	0.47	BDL	0.1	BDL	0.1	BDL	0.05	BDL	0.2	0.042888	0.94	BDL	0.16	BDL	0.35
4/26/2013 8:08	BDL	0.06	BDL	0.23	BDL	0.3	BDL	0.1	BDL	0.12	BDL	0.23	0.029923	0.89	BDL	0.17	BDL	0.57
4/26/2013 8:09	BDL	0.13	BDL	0.21	BDL	0.34	BDL	0.12	BDL	0.11	BDL	0.22	0.008487	0.7	BDL	0.16	BDL	0.56
4/26/2013 8:10	BDL	0.03	BDL	0.26	BDL	0.43	BDL	0.13	BDL	0.15	BDL	0.21	0.008785	0.74	BDL	0.15	BDL	0.43
4/26/2013 8:11	BDL	0.12	BDL	0.2	BDL	0.46	BDL	0.18	BDL	0.13	BDL	0.11	0.010435	0.83	BDL	0.17	BDL	0.39
4/26/2013 8:12	BDL	0.04	BDL	0.11	BDL	0.28	BDL	0.15	BDL	0.06	BDL	0.17	0.032524	0.93	BDL	0.17	BDL	0.37
4/26/2013 8:13	BDL	0.09	BDL	0.04	BDL	0.3	BDL	0.2	BDL	0.06	BDL	0.24	0.0155	0.87	BDL	0.16	BDL	0.16
4/26/2013 8:14	BDL	0.16	BDL	0.5	BDL	0.11	BDL	0.24	BDL	0.12	BDL	0.3	0.007019	0.86	BDL	0.16	BDL	0.29
4/26/2013 8:15	BDL	0.17	BDL	0.56	BDL	0.11	BDL	0.22	BDL	0.13	BDL	0.23	0.009208	0.86	BDL	0.16	BDL	0.51
4/26/2013 8:16	BDL	0.05	BDL	0.57	BDL	0.11	BDL	0.2	BDL	0.18	BDL	0.28	0.01507	0.94	BDL	0.17	BDL	0.49
4/26/2013 8:17	BDL	0.12	BDL	0.56	BDL	0.1	BDL	0.27	BDL	0.15	BDL	0.35	0.04035	0.96	BDL	0.17	BDL	0.46
4/26/2013 8:18	BDL	0.05	BDL	0.45	BDL	0.06	BDL	0.22	BDL	0.2	BDL	0.19	0.056962	0.96	BDL	0.17	BDL	0.22
4/26/2013 8:19	BDL	0.05	BDL	0.6	BDL	0.18	BDL	0.22	BDL	0.13	BDL	0.19	0.024359	0.94	BDL	0.16	BDL	0.42
4/26/2013 8:20	BDL	0.13	BDL	0.51	BDL	0.15	BDL	0.24	BDL	0.13	BDL	0.22	0.016293	0.92	BDL	0.17	BDL	0.43
4/26/2013 8:21	BDL	0.03	BDL	0.54	BDL	0.08	BDL	0.23	BDL	0.12	BDL	0.2	0.014911	0.9	BDL	0.16	BDL	0.43
4/26/2013 8:23	BDL	0.03	BDL	0.55	BDL	0.19	BDL	0.23	BDL	0.11	BDL	0.22	0.033672	0.95	BDL	0.17	BDL	0.44
4/26/2013 8:24	BDL	0.03	BDL	0.5	BDL	0.13	BDL	0.22	BDL	0.11	BDL	0.51	0.017157	0.95	BDL	0.16	BDL	0.46
4/26/2013 8:25	BDL	0.14	BDL	0.52	BDL	0.22	BDL	0.24	BDL	0.1	BDL	0.36	0.017809	0.92	BDL	0.17	BDL	0.52
4/26/2013 8:26	BDL	0.02	BDL	0.49	BDL	0.11	BDL	0.26	BDL	0.05	BDL	0.22	0.019185	0.95	BDL	0.19	BDL	0.51
4/26/2013 8:27	BDL	0.05	BDL	0.51	BDL	0.13	BDL	0.29	BDL	0.08	BDL	0.34	0.010278	0.9	BDL	0.15	BDL	0.51
4/26/2013 8:28	BDL	0.04	BDL	0.5	BDL	0.18	BDL	0.28	BDL	0.09	BDL	0.31	0.018254	0.94	BDL	0.17	BDL	0.53
4/26/2013 8:29	BDL	0.05	BDL	0.51	BDL	0.2	BDL	0.24	BDL	0.04	BDL	0.25	0.026386	0.93	BDL	0.16	BDL	0.46
4/26/2013 8:30	BDL	0.03	BDL	0.54	BDL	0.12	BDL	0.23	BDL	0.07	BDL	0.35	0.014062	0.9	BDL	0.17	BDL	0.48
4/26/2013 8:31	BDL	0.02	BDL	0.52	BDL	0.05	BDL	0.24	BDL	0.07	BDL	0.23	0.023363	0.95	BDL	0.17	BDL	0.52
4/26/2013 8:32	BDL	0.04	BDL	0.48	BDL	0.06	BDL	0.22	BDL	0.07	BDL	0.07	0.015761	0.94	BDL	0.18	BDL	0.5
4/26/2013 8:33	BDL	0.02	BDL	0.49	BDL	0.06	BDL	0.23	BDL	0.07	BDL	0.3	0.024699	0.94	BDL	0.19	BDL	0.49
4/26/2013 8:34	BDL	0.05	BDL	0.52	BDL	0.1	BDL	0.27	BDL	0.09	BDL	0.43	0.018159	0.92	BDL	0.18	BDL	0.5
4/26/2013 8:35	BDL	0.03	BDL	0.52	BDL	0.12	BDL	0.24	BDL	0.08	BDL	0.3	0.013061	0.91	BDL	0.17	BDL	0.5
4/26/2013 8:36	BDL	0.02	BDL	0.52	BDL	0.03	BDL	0.18	BDL	0.06	BDL	0.24	0.016878	0.92	BDL	0.17	BDL	0.5
4/26/2013 8:37	BDL	0.03	BDL	0.5	BDL	0.12	BDL	0.22	BDL	0.07	BDL	0.26	0.011767	0.92	BDL	0.17	BDL	0.52
4/26/2013 8:38	BDL	0.03	BDL	0.5	BDL	0.03	BDL	0.2	BDL	0.07	BDL	0.16	0.015079	0.91	BDL	0.19	BDL	0.51
4/26/2013 8:39	BDL	0.05	BDL	0.49	BDL	0.02	BDL	0.23	BDL	0.07	BDL	0.26	0.012153	0.93	BDL	0.19	BDL	0.5
4/26/2013 8:40	BDL	0.03	BDL	0.47	BDL	0.07	BDL	0.2	BDL	0.07	BDL	0.2	0.022791	0.96	BDL	0.18	BDL	0.52
4/26/2013 8:41	BDL	0.07	BDL	0.42	BDL	0.06	BDL	0.2	BDL	0.05	BDL	0.2	0.012002	0.92	BDL	0.16	BDL	0.5
4/26/2013 8:42	BDL	0.03	BDL	0.49	BDL	0.16	BDL	0.27	BDL	0.08	BDL	0.14	0.00756	0.75	BDL	0.16	BDL	0.47
4/26/2013 8:43	BDL	0.02	BDL	0.45	BDL	0.23	BDL	0.23	BDL	0.06	BDL	0.14	0.013462	0.88	BDL	0.16	BDL	0.41
4/26/2013 8:44	BDL	0.05	BDL	0.45	BDL	0.19	BDL	0.21	BDL	0.07	BDL	0.13	0.027957	0.94	BDL	0.17	BDL	0.44
4/26/2013 8:45	BDL	0.07	BDL	0.47	BDL	0.12	BDL	0.2	BDL	0.09	BDL	0.25	0.015289	0.9	BDL	0.17	BDL	0.49
4/26/2013 8:46	BDL	0.04	BDL	0.43	BDL	0.19	BDL	0.19	BDL	0.07	BDL	0.2	0.008345	0.84	BDL	0.17	BDL	0.44
4/26/2013 8:47	BDL	0.07	BDL	0.36	BDL	0.39	BDL	0.26	BDL	0.1	BDL	0.19	0.010718	0.75	BDL	0.15	BDL	0.52
4/26/2013 8:48	BDL	0.07	BDL	0.37	BDL	0.37	BDL	0.22	BDL	0.09	BDL	0.09	0.008119	0.74	BDL	0.15	BDL	0.51
4/26/2013 8:49	BDL	0.03	BDL	0.38	BDL	0.43	BDL	0.22	BDL	0.08	BDL	0.1	0.012095	0.89	BDL	0.16	BDL	0.51
4/26/2013 8:50	BDL	0.07	BDL	0.38	BDL	0.42	BDL	0.23	BDL	0.1	BDL	0.08	0.010974	0.88	BDL	0.15	BDL	0.5
4/26/2013 8:51	BDL	0.05	BDL	0.27	BDL	0.45	BDL	0.24	BDL	0.1	BDL	0.18	0.007108	0.87	BDL	0.17	BDL	0.47
4/26/2013 8:52	BDL	0.04	BDL	0.11	BDL	0.3	BDL	0.25	BDL	0.08	BDL	0.23	0.013581	0.95	BDL	0.16	BDL	0.44
4/26/2013 8:53	BDL	0.09	BDL	0.02	BDL	0.21	BDL	0.24	BDL	0.05	BDL	0.13	0.032769	0.96	BDL	0.17	BDL	0.28
4/26/2013 8:54	BDL	0.09	BDL	0.17	BDL	0.25	BDL	0.29	BDL	0.19	BDL	0.27	0.019999	0.96	BDL	0.16	BDL	0.06
4/26/2013 8:55	BDL	0.07	BDL	0.11	BDL	0.2	BDL	0.3	BDL	0.24	BDL	0.22	0.022379	0.96	BDL	0.17	BDL	0.01
4/26/2013 8:56	BDL	0.05	BDL	0.36	BDL	0.34	BDL	0.3	BDL	0.2	BDL	0.23	0.016894	0.97	BDL	0.17	BDL	0.33
4/26/2013 8:57	BDL	0.03	BDL	0.38	BDL	0.27	BDL	0.32	BDL	0.17	BDL	0.14	0.011534	0.94	BDL	0.15	BDL	0.44
4/26/2013 8:58	BDL	0.1	BDL	0.41	BDL	0.15	BDL	0.35	BDL	0.12	BDL	0.28	0.012814	0.94	BDL	0.18	BDL	0.55
4/26/2013 8:59	BDL	0.11	BDL	0.42	BDL	0.11	BDL	0.34	BDL	0.14	BDL	0.19	0.005039	0.73	BDL	0.17	BDL	0.55

Sample Date/Time	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
Maximum:	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/25/2013 21:22	0.020422	0.67	BDL	0.2	BDL	0.17	BDL	0.05	BDL	0.07	BDL	0.82	BDL	0.76	BDL	0.37
4/25/2013 21:23	0.01918	0.66	BDL	0.2	BDL	0.13	BDL	0.09	BDL	0.07	BDL	0.82	BDL	0.54	BDL	0.29
4/25/2013 21:24	0.019404	0.64	BDL	0.19	BDL	0.28	BDL	0.19	BDL	0.07	BDL	0.82	BDL	0.56	BDL	0.28
4/25/2013 21:25	0.019435	0.66	BDL	0.19	BDL	0.14	BDL	0.06	BDL	0.08	BDL	0.81	BDL	0.48	BDL	0.27
4/25/2013 21:27	0.021327	0.7	BDL	0.21	BDL	0.23	BDL	0.06	BDL	0.07	BDL	0.8	BDL	0.3	BDL	0.31
4/25/2013 21:28	0.020442	0.64	BDL	0.19	BDL	0.2	BDL	0.08	BDL	0.07	BDL	0.8	BDL	0.66	BDL	0.31
4/25/2013 21:29	0.020608	0.66	BDL	0.18	BDL	0.17	BDL	0.24	BDL	0.07	BDL	0.8	BDL	0.59	BDL	0.29
4/25/2013 21:30	0.0216	0.68	BDL	0.19	BDL	0.21	BDL	0.18	BDL	0.07	BDL	0.79	BDL	0.74	BDL	0.31
4/25/2013 21:31	0.019485	0.64	BDL	0.21	BDL	0.17	BDL	0.06	BDL	0.06	BDL	0.79	BDL	0.43	BDL	0.3
4/25/2013 21:32	0.019763	0.65	BDL	0.2	BDL	0.2	BDL	0.1	BDL	0.07	BDL	0.79	BDL	0.3	BDL	0.32
4/25/2013 21:33	0.020598	0.64	BDL	0.24	BDL	0.24	BDL	0.09	BDL	0.09	BDL	0.79	BDL	0.63	BDL	0.31
4/25/2013 21:34	0.021518	0.69	BDL	0.18	BDL	0.22	BDL	0.08	BDL	0.1	BDL	0.78	BDL	0.6	BDL	0.34
4/25/2013 21:35	0.021274	0.67	BDL	0.23	BDL	0.31	BDL	0.05	BDL	0.08	BDL	0.78	BDL	0.37	BDL	0.31
4/25/2013 21:36	0.020458	0.67	BDL	0.19	BDL	0.15	BDL	0.06	BDL	0.1	BDL	0.78	BDL	0.64	BDL	0.31
4/25/2013 21:37	0.019653	0.65	BDL	0.17	BDL	0.14	BDL	0.03	BDL	0.07	BDL	0.78	BDL	0.61	BDL	0.31
4/25/2013 21:38	0.016895	0.61	BDL	0.18	BDL	0.19	BDL	0.07	BDL	0.1	BDL	0.79	BDL	0.39	BDL	0.29
4/25/2013 21:39	0.013487	0.51	BDL	0.18	BDL	0.13	BDL	0.06	BDL	0.07	BDL	0.79	BDL	0.69	BDL	0.2
4/25/2013 21:40	0.011091	0.41	BDL	0.06	BDL	0.26	BDL	0.07	BDL	0.14	BDL	0.8	BDL	0.7	BDL	0.07
4/25/2013 21:41	0.011869	0.44	BDL	0.27	BDL	0.22	BDL	0.02	BDL	0.14	BDL	0.85	BDL	0.28	BDL	0.06
4/25/2013 21:42	0.013089	0.47	BDL	0.16	BDL	0.21	BDL	0.17	BDL	0.07	BDL	0.87	BDL	0.55	BDL	0.05
4/25/2013 21:43	0.01212	0.45	BDL	0.07	BDL	0.11	BDL	0.17	BDL	0.08	BDL	0.88	BDL	0.24	BDL	0.1
4/25/2013 21:44	0.011264	0.44	BDL	0.1	BDL	0.13	BDL	0.21	BDL	0.03	BDL	0.9	BDL	0.42	BDL	0.06
4/25/2013 21:45	0.008628	0.32	BDL	0.08	BDL	0.04	BDL	0.15	BDL	0.08	BDL	0.9	BDL	0.4	BDL	0.06
4/25/2013 21:46	0.010499	0.38	BDL	0.16	BDL	0.15	BDL	0.19	BDL	0.06	BDL	0.91	BDL	0.57	BDL	0.09
4/25/2013 21:47	0.013476	0.53	BDL	0.16	BDL	0.34	BDL	0.45	BDL	0.04	BDL	0.88	BDL	0.64	BDL	0.22
4/25/2013 21:48	0.013342	0.5	BDL	0.22	BDL	0.22	BDL	0.17	BDL	0.08	BDL	0.86	BDL	0.33	BDL	0.23
4/25/2013 21:49	0.016322	0.6	BDL	0.17	BDL	0.17	BDL	0.43	BDL	0.08	BDL	0.85	BDL	0.77	BDL	0.27
4/25/2013 21:50	0.017581	0.59	BDL	0.25	BDL	0.35	BDL	0.26	BDL	0.1	BDL	0.83	BDL	0.64	BDL	0.36
4/25/2013 21:51	0.018899	0.66	BDL	0.24	BDL	0.24	BDL	0.3	BDL	0.07	BDL	0.83	BDL	0.65	BDL	0.32
4/25/2013 21:52	0.017859	0.61	BDL	0.25	BDL	0.27	BDL	0.17	BDL	0.09	BDL	0.83	BDL	0.58	BDL	0.37
4/25/2013 21:53	0.016971	0.56	BDL	0.19	BDL	0.26	BDL	0.21	BDL	0.1	BDL	0.83	BDL	0.29	BDL	0.35
4/25/2013 21:54	0.01728	0.59	BDL	0.26	BDL	0.24	BDL	0.08	BDL	0.12	BDL	0.83	BDL	0.55	BDL	0.37
4/25/2013 21:55	0.017917	0.6	BDL	0.2	BDL	0.24	BDL	0.1	BDL	0.08	BDL	0.83	BDL	0.38	BDL	0.35
4/25/2013 21:56	0.018447	0.56	BDL	0.23	BDL	0.41	BDL	0.19	BDL	0.09	BDL	0.82	BDL	0.7	BDL	0.39
4/25/2013 21:57	0.020223	0.61	BDL	0.22	BDL	0.39	BDL	0.23	BDL	0.04	BDL	0.81	BDL	0.5	BDL	0.33
4/25/2013 21:58	0.019921	0.61	BDL	0.24	BDL	0.26	BDL	0.26	BDL	0.06	BDL	0.81	BDL	0.42	BDL	0.34
4/25/2013 21:59	0.019236	0.65	BDL	0.28	BDL	0.38	BDL	0.22	BDL	0.08	BDL	0.81	BDL	0.59	BDL	0.26
4/25/2013 22:01	0.019427	0.62	BDL	0.25	BDL	0.32	BDL	0.15	BDL	0.08	BDL	0.81	BDL	0.47	BDL	0.31
4/25/2013 22:02	0.019919	0.62	BDL	0.21	BDL	0.23	BDL	0.26	BDL	0.06	BDL	0.8	BDL	0.38	BDL	0.25
4/25/2013 22:03	0.02079	0.65	BDL	0.2	BDL	0.22	BDL	0.12	BDL	0.1	BDL	0.79	BDL	0.37	BDL	0.33
4/25/2013 22:04	0.022629	0.67	BDL	0.22	BDL	0.3	BDL	0.07	BDL	0.09	BDL	0.79	BDL	0.64	BDL	0.37
4/25/2013 22:05	0.021708	0.65	BDL	0.21	BDL	0.17	BDL	0.09	BDL	0.07	BDL	0.78	BDL	0.32	BDL	0.3
4/25/2013 22:06	0.020583	0.65	BDL	0.19	BDL	0.2	BDL	0.15	BDL	0.09	BDL	0.78	BDL	0.69	BDL	0.33
4/25/2013 22:07	0.01914	0.6	BDL	0.22	BDL	0.26	BDL	0.1	BDL	0.08	BDL	0.78	BDL	0.61	BDL	0.31
4/25/2013 22:08	0.017878	0.61	BDL	0.16	BDL	0.28	BDL	0.08	BDL	0.08	BDL	0.78	BDL	0.68	BDL	0.3
4/25/2013 22:09	0.016497	0.57	BDL	0.19	BDL	0.34	BDL	0.03	BDL	0.07	BDL	0.78	BDL	0.65	BDL	0.29
4/25/2013 22:10	0.01597	0.55	BDL	0.19	BDL	0.15	BDL	0.03	BDL	0.07	BDL	0.78	BDL	0.78	BDL	0.25
4/25/2013 22:11	0.017529	0.6	BDL	0.28	BDL	0.15	BDL	0.08	BDL	0.06	BDL	0.79	BDL	0.39	BDL	0.26
4/25/2013 22:12	0.018168	0.62	BDL	0.25	BDL	0.28	BDL	0.1	BDL	0.05	BDL	0.78	BDL	0.4	BDL	0.25
4/25/2013 22:13	0.017324	0.61	BDL	0.18	BDL	0.09	BDL	0.03	BDL	0.09	BDL	0.78	BDL	0.36	BDL	0.32
4/25/2013 22:14	0.017198	0.59	BDL	0.23	BDL	0.17	BDL	0.03	BDL	0.07	BDL	0.77	BDL	0.21	BDL	0.24
4/26/2013 7:30	0	0.08	BDL	0.51	BDL	0.39	BDL	0.08	BDL	0.28	BDL	0.95	BDL	0.33	BDL	0.36
4/26/2013 7:40	0.007258	0.08	BDL	0.41	BDL	0.1	BDL	0.11	BDL	0.37	BDL	0.89	BDL	0.45	BDL	0.47
4/26/2013 7:41	0	0.12	BDL	0.33	BDL	0.11	BDL	0.17	BDL	0.31	BDL	0.89	BDL	0.13	BDL	0.36
4/26/2013 7:42	0	0.17	BDL	0.32	BDL	0.14	BDL	0.14	BDL	0.51	BDL	0.93	BDL	0.42	BDL	0.37
4/26/2013 7:43	0.006513	0.17	BDL	0.03	BDL	0.17	BDL	0.31	BDL	0.21	BDL	0.95	BDL	0.5	BDL	0.38
4/26/2013 7:44	0.004239	0.1	BDL	0.07	BDL	0.12	BDL	0.16	BDL	0.14	BDL	0.95	BDL	0.24	BDL	0.3
4/26/2013 7:45	0.003499	0.09	BDL	0.01	BDL	0.11	BDL	0.12	BDL	0.16	BDL	0.95	BDL	0.26	BDL	0.22
4/26/2013 7:46	0.005251	0.11	BDL	0.04	BDL	0.17	BDL	0.15	BDL	0.38	BDL	0.96	BDL	0.17	BDL	0.32
4/26/2013 7:47	0.003998	0.07	BDL	0.3	BDL	0.19	BDL	0.25	BDL	0.41	BDL	0.96	BDL	0.1	BDL	0.22
4/26/2013 7:48	0.004067	0.09	BDL	0.01	BDL	0.17	BDL	0.24	BDL	0.23	BDL	0.95	BDL	0.2	BDL	0.31
4/26/2013 7:49	0.003084	0.05	BDL	0.11	BDL	0.08	BDL	0.11	BDL	0.29	BDL	0.96	BDL	0.31	BDL	0.17
4/26/2013 7:50	0.002722	0.04	BDL	0.1	BDL	0.24	BDL	0.26	BDL	0.25	BDL	0.96	BDL	0.38	BDL	0.25
4/26/2013 7:51	0.003396	0.08	BDL	0.11	BDL	0.27	BDL	0.2	BDL	0.27	BDL	0.96	BDL	0.22	BDL	0.23
4/26/2013 7:52	0.004575	0.14	BDL	0.03	BDL	0.02	BDL	0.33	BDL	0.12	BDL	0.94	BDL	0.54	BDL	0.23
4/26/2013 7:53	0.005318	0.15	BDL	0.01	BDL	0.18	BDL	0.15	BDL	0.17	BDL	0.94	BDL	0.18	BDL	0.23
4/26/2013 7:54	0.005928	0.2	BDL	0.1	BDL	0.11	BDL	0.12	BDL	0.06	BDL	0.81	BDL	0.38	BDL	0.08
4/26/2013 7:55	0.005551	0.19	BDL	0.04	BDL	0.11	BDL	0.14	BDL	0.1	BDL	0.85	BDL	0.24	BDL	0.03
4/26/2013 7:56	0.004441	0.11	BDL	0.04	BDL	0.11	BDL	0.19	BDL	0.23	BDL	0.96	BDL	0.44	BDL	0.18
4/26/2013 7:57	0.004608	0.15	BDL	0.02	BDL	0.11	BDL	0.28	BDL	0.11	BDL	0.95	BDL	0.13	BDL	0.11
4/26/2013 7:58	0.004732	0.12	BDL	0.02	BDL	0.06	BDL	0.23	BDL	0.21	BDL	0.96	BDL	0.32	BDL	0.12
4/26/2013 7:59	0.005207	0.14	BDL	0.12	BDL	0.08	BDL	0.28	BDL	0.26	BDL	0.97	BDL	0.42	BDL	0.15
4/26/2013 8:00	0.006024	0.2	BDL	0.04	BDL	0.12	BDL	0.34	BDL	0.1	BDL	0.87	BDL	0.45	BDL	0.1
4/26/2013 8:01	0.005438	0.14	BDL	0.03	BDL	0.21	BDL	0.07	BDL	0.46	BDL	0.96	BDL	0.25	BDL	0.22
4/26/2013 8:02	0.004369	0.12	BDL	0.1	BDL	0.08	BDL	0.17	BDL	0.24	BDL	0.96	BDL	0.25	BDL	0.14
4/26/2013 8:03	0.005538	0.17	BDL	0.17	BDL	0.1	BDL	0.23	BDL	0.1	BDL	0.88	BDL	0.2	BDL	0.05
4/26/2013 8:04	0.004433	0.09	BDL	0.01	BDL	0.17	BDL	0.06	BDL	0.17	BDL	0.96	BDL	0.23	BDL	0.13
4/26/2013 8:05	0.00399	0.07	BDL	0.06	BDL	0.05	BDL	0.17	BDL	0.26	BDL	0.96	BDL	0.29	BDL	0.47
4/26/2013 8:06	0.004058	0.08	BDL	0.01	BDL	0.07	BDL	0.23	BDL	0.26	BDL	0.96	BDL	0.41	BDL	0.19
4/26/2013 8:07	0.005051	0.1	BDL	0.02	BDL	0.06	BDL	0.08	BDL	0.12	BDL	0.96	BDL	0.32	BDL	0.29
4/26/2013 8:08	0	0.13	BDL	0.26	BDL	0.19	BDL	0.07	BDL	0.58	BDL	0.91	BDL	0.26	BDL	0.38
4/26/2013 8:09	0	0.13	BDL	0.23	BDL	0.1	BDL	0.05	BDL	0.51	BDL	0.91	BDL	0.23	BDL	0.41
4/26/2013 8:10	0	0.11	BDL	0.23	BDL	0.31	BDL	0.04	BDL	0.38	BDL	0.9	BDL	0.56	BDL	0.42
4/26/2013 8:11	0	0.05	BDL	0.18	BDL	0.17	BDL	0.01	BDL	0.46	BDL	0.91	BDL	0.68	BDL	0.43
4/26/2013 8:12	0.002708	0.04	BDL	0.29	BDL	0.22	BDL	0.02	BDL	0.32	BDL	0.91	BDL	0.54	BDL	0.4
4/26/2013 8:13	0.002983	0.05	BDL	0.2	BDL	0.21	BDL	0.04	BDL	0.25	BDL	0.92	BDL	0.58	BDL	0.34
4/26/2013 8:14	0.004478	0.1	BDL	0.1	BDL	0.07	BDL	0.08	BDL	0.11	BDL	0.93	BDL	0.3	BDL	0.29
4/26/2013 8:15	0.005804	0.17	BDL	0.03	BDL	0.24	BDL	0.2	BDL	0.22	BDL	0.95	BDL	0.28	BDL	0.3
4/26/2013 8:16	0.006715	0.21	BDL	0.03	BDL	0.03	BDL	0.06	BDL	0.09	BDL	0.95	BDL	0.49	BDL	0.29
4/26/2013 8:17	0.005801	0.16	BDL	0.04	BDL	0.08	BDL	0.09	BDL	0.21	BDL	0.95	BDL	0.59	BDL	0.29
4/26/2013 8:18	0.005345	0.13	BDL	0.19	BDL	0.15	BDL	0.22	BDL	0.32	BDL	0.93	BDL	0.59	BDL	0.36
4/26/2013 8:19	0.006415	0.2	BDL	0.02	BDL	0.15	BDL	0.23	BDL	0.18	BDL	0.95	BDL	0.39	BDL	0.16
4/26/2013 8:20	0.005529	0.18	BDL	0.09	BDL	0.28	BDL	0.04	BDL	0.15	BDL	0.95	BDL	0.66	BDL	0.21
4/26/2013 8:21	0.006418	0.21	BDL	0.05	BDL	0.01	BDL	0.14	BDL	0.13	BDL	0.96	BDL	0.59	BDL	0.12
4/26/2013 8:23	0.006607	0.22	BDL	0.07	BDL	0.15	BDL	0.21	BDL	0.15	BDL	0.96	BDL	0.32	BDL	0.29
4/26/2013 8:24	0.007044	0.22	BDL	0.11	BDL	0.14	BDL	0.18	BDL	0.13	BDL	0.93	BDL	0.43	BDL	0.2
4/26/2013 8:25	0.006766	0.22	BDL	0.15	BDL	0.14	BDL	0.3	BDL	0.26	BDL	0.95	BDL	0.46	BDL	0.25
4/26/2013 8:26	0.007831	0.32	BDL	0.2	BDL	0.19	BDL	0.24	BDL	0.1	BDL	0.9	BDL	0.24	BDL	0.09
4/26/2013 8:27	0.008357	0.3	BDL	0.18	BDL	0.02	BDL	0.24	BDL	0.07	BDL	0.75	BDL	0.42	BDL	0.06
4/26/2013 8:28	0.007115	0.24	BDL	0.2	BDL	0.09	BDL	0.16	BDL	0.19	BDL	0.94	BDL	0.39	BDL	0.11
4/26/2013 8:29	0.007586	0.27	BDL	0.11	BDL	0.07	BDL	0.14	BDL	0.36	BDL	0.96	BDL	0.07	BDL	0.42
4/26/2013 8:30	0.007333	0.3	BDL	0.13	BDL	0.2	BDL	0.31	BDL	0.17	BDL	0.96	BDL	0.17	BDL	0.17
4/26/2013 8:31	0.008309	0.32	BDL	0.15	BDL	0.15	BDL	0.41	BDL	0.06	BDL	0.82	BDL	0.51	BDL	0.03
4/26/2013 8:32	0.010305	0.41	BDL	0.18	BDL	0.08	BDL	0.17	BDL	0.1	BDL	0.58	BDL	0.33	BDL	0.22
4/26/2013 8:33	0.008757	0.37	BDL	0.1	BDL	0.1	BDL	0.24	BDL	0.07	BDL	0.86	BDL	0.65	BDL	0.07
4/26/2013 8:34	0.007443	0.27	BDL	0.08	BDL	0.09	BDL	0.31	BDL	0.15	BDL	0.93	BDL	0.68	BDL	0.1
4/26/2013 8:35	0.007715	0.27	BDL	0.14	BDL	0.09	BDL	0.13	BDL	0.11	BDL	0.92	BDL	0.4	BDL	0.15
4/26/2013 8:36	0.008966	0.37	BDL	0.19	BDL	0.06	BDL	0.21	BDL	0.06	BDL	0.89	BDL	0.52	BDL	0.1
4/26/2013 8:37	0.00962	0.42	BDL	0.21	BDL	0.17	BDL	0.2	BDL	0.08	BDL	0.68	BDL	0.47	BDL	0.03
4/26/2013 8:38	0.009834	0.41	BDL	0.17	BDL	0.11	BDL	0.25	BDL	0.11	BDL	0.76	BDL	0.32	BDL	0.06
4/26/2013 8:39	0.00826	0.33	BDL	0.25	BDL	0.03	BDL	0.04	BDL	0.11	BDL	0.88	BDL	0.75	BDL	0.2
4/26/2013 8:40	0.008538	0.34	BDL	0.18	BDL	0.11	BDL	0.22	BDL	0.15	BDL	0.91	BDL	0.37	BDL	0.17
4/26/2013 8:41	0.006414	0.21	BDL	0.17	BDL	0.14	BDL	0.12	BDL	0.41	BDL	0.95	BDL	0.32	BDL	0.39
4/26/2013 8:42	0.006766	0.22	BDL	0.05	BDL	0.16	BDL	0.1	BDL	0.23	BDL	0.97	BDL	0.3	BDL	0.3
4/26/2013 8:43	0.005918	0.18	BDL	0.04	BDL	0.21	BDL	0.16	BDL	0.37	BDL	0.97	BDL	0.7	BDL	0.41
4/26/2013 8:44	0.007017	0.27	BDL	0.14	BDL	0.13	BDL	0.07	BDL	0.14	BDL	0.97	BDL	0.74	BDL	0.39
4/26/2013 8:45	0.00775	0.29	BDL	0.13	BDL	0.18	BDL	0.04	BDL	0.14	BDL	0.94	BDL	0.36	BDL	0.22
4/26/2013 8:46	0.005759	0.16	BDL	0	BDL	0.25	BDL	0.07	BDL	0.49	BDL	0.97	BDL	0.25	BDL	0.31
4/26/2013 8:47	0	0.11	BDL	0.19	BDL	0.19	BDL	0.1	BDL	0.27	BDL	0.9	BDL	0.77	BDL	0.41
4/26/2013 8:48	0	0.1	BDL	0.2	BDL	0.11	BDL	0.01	BDL	0.33	BDL	0.9	BDL	0.53	BDL	0.37
4/26/2013 8:49	0	0.1	BDL	0.26	BDL	0.17	BDL	0.16	BDL	0.31	BDL	0.89	BDL	0.51	BDL	0.36
4/26/2013 8:50	0.002454	0.02	BDL	0.19	BDL	0.26	BDL	0.12	BDL	0.27	BDL	0.91	BDL	0.44	BDL	0.35
4/26/2013 8:51	0.003105	0.04	BDL	0.18	BDL	0.13	BDL	0.21	BDL	0.31	BDL	0.93	BDL	0.61	BDL	0.38
4/26/2013 8:52	0.004659	0.09	BDL	0.05	BDL	0.2	BDL	0.04	BDL	0.35	BDL	0.94	BDL	0.44	BDL	0.39
4/26/2013 8:53	0.006325	0.14	BDL	0.09	BDL	0.17	BDL	0.19	BDL	0.39	BDL	0.93	BDL	0.48	BDL	0.31
4/26/2013 8:54	0.007369	0.21	BDL	0.01	BDL	0.14	BDL	0.31	BDL	0.62	BDL	0.97	BDL	0.32	BDL	0.36
4/26/2013 8:55	0.007034	0.22	BDL	0.02	BDL	0.13	BDL	0.19	BDL	0.33	BDL	0.97	BDL	0.48	BDL	0.22
4/26/2013 8:56	0.007441	0.22	BDL	0.07	BDL	0.18	BDL	0.24	BDL	0.37	BDL	0.97	BDL	0.35	BDL	0.06
4/26/2013 8:57	0.006996	0.23	BDL	0.11	BDL	0.05	BDL	0.17	BDL	0.39	BDL	0.97	BDL	0.37	BDL	0.12
4/26/2013 8:58	0.007422	0.25	BDL	0.11	BDL	0.09	BDL	0.34	BDL	0.24	BDL	0.96	BDL	0.5	BDL	0.12
4/26/2013 8:59	0.009176	0.36	BDL	0.17	BDL	0.11	BDL	0.46	BDL	0.26	BDL	0.92	BDL	0.51	BDL	0.15

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Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3
4/26/2013 9:00	titan10	81	100	111	537	8916.842	Titan1-164	BDL	0.07	BDL	0.89	BDL	0.15	BDL	0.12	BDL	0.5	BDL	0.05	BDL	0.56	BDL	0.11	BDL	0.3	BDL	0.13
4/26/2013 9:01	titan10	82	100	111	536	8859.009	Titan1-164	BDL	0.01	BDL	0.9	BDL	0.19	BDL	0.13	BDL	0.5	BDL	0.07	BDL	0.46	BDL	0.1	BDL	0.33	BDL	0.12
4/26/2013 9:02	titan10	83	100	111	537	8815.657	Titan1-164	BDL	0.06	BDL	0.89	BDL	0.08	BDL	0.1	BDL	0.6	BDL	0.03	BDL	0.45	BDL	0.01	BDL	0.36	BDL	0.1
4/26/2013 9:03	titan10	84	100	111	537	8801.563	Titan1-164	BDL	0.17	BDL	0.89	BDL	0.13	BDL	0.11	BDL	0.6	BDL	0.02	BDL	0.46	BDL	0.03	BDL	0.29	BDL	0.1
4/26/2013 9:04	titan10	85	100	111	537	8779.89	Titan1-164	BDL	0.05	BDL	0.89	BDL	0.16	BDL	0.11	BDL	0.5	BDL	0.02	BDL	0.47	BDL	0.04	BDL	0.3	BDL	0.1
4/26/2013 9:05	titan10	86	100	111	537	8767.513	Titan1-164	BDL	0.01	BDL	0.89	BDL	0.25	BDL	0.11	BDL	0.3	BDL	0.01	BDL	0.46	BDL	0.04	BDL	0.37	BDL	0.08
4/26/2013 9:06	titan10	87	100	111	537	8743.602	Titan1-164	BDL	0.07	BDL	0.89	BDL	0.23	BDL	0.14	BDL	0.4	BDL	0.03	BDL	0.47	BDL	0.08	BDL	0.31	BDL	0.07
4/26/2013 9:07	titan10	88	100	111	537	8750.949	Titan1-164	BDL	0.01	BDL	0.89	BDL	0.21	BDL	0.13	BDL	0.4	BDL	0.05	BDL	0.46	BDL	0.03	BDL	0.28	BDL	0.09
4/26/2013 9:08	titan10	89	100	111	537	8043.767	Titan1-164	BDL	0.28	BDL	0.89	BDL	0.21	BDL	0.16	BDL	0.4	BDL	0.03	BDL	0.44	BDL	0.04	BDL	0.24	BDL	0.11
4/26/2013 9:09	titan10	90	100	111	537	8733.711	Titan1-164	BDL	0.13	BDL	0.89	BDL	0.15	BDL	0.13	BDL	0.5	BDL	0.04	BDL	0.44	BDL	0.04	BDL	0.3	BDL	0.09
4/26/2013 9:11	titan10	91	100	111	537	8794.934	Titan1-164	BDL	0.02	BDL	0.88	BDL	0.15	BDL	0.18	BDL	0.5	BDL	0.02	BDL	0.43	BDL	0.15	BDL	0.28	BDL	0.09
4/26/2013 9:12	titan10	92	100	111	537	8852.48	Titan1-164	BDL	0.1	BDL	0.88	BDL	0.22	BDL	0.14	BDL	0.2	BDL	0.05	BDL	0.39	BDL	0.21	BDL	0.22	BDL	0.09
4/26/2013 9:13	titan10	93	100	111	537	8895.116	Titan1-164	BDL	0.13	BDL	0.89	BDL	0.25	BDL	0.2	BDL	0.2	BDL	0.04	BDL	0.19	BDL	0.26	BDL	0.25	BDL	0.09
4/26/2013 9:14	titan10	94	100	111	537	8813.901	Titan1-164	BDL	0.1	BDL	0.88	BDL	0.24	BDL	0.22	BDL	0.4	BDL	0	BDL	0.42	BDL	0.19	BDL	0.28	BDL	0.1
4/26/2013 9:15	titan10	95	100	111	537	8764.911	Titan1-164	BDL	0.02	BDL	0.89	BDL	0.22	BDL	0.17	BDL	0.5	BDL	0.03	BDL	0.42	BDL	0.08	BDL	0.25	BDL	0.09
4/26/2013 9:16	titan10	96	100	111	537	8937.743	Titan1-164	BDL	0.17	BDL	0.89	BDL	0.12	BDL	0.17	BDL	0.5	BDL	0.02	BDL	0.39	BDL	0.28	BDL	0.24	BDL	0.09
4/26/2013 9:17	titan10	97	100	111	537	9370.987	Titan1-164	BDL	0.2	BDL	0.89	BDL	0.17	BDL	0.14	BDL	0.3	BDL	0.03	BDL	0.42	BDL	0.38	BDL	0.27	BDL	0.1
4/26/2013 9:18	titan10	98	100	111	537	9609.642	Titan1-164	BDL	0.22	BDL	0.89	BDL	0.18	BDL	0.12	BDL	0.2	BDL	0.02	BDL	0.43	BDL	0.35	BDL	0.25	BDL	0.1
4/26/2013 9:19	titan10	99	100	111	537	9714.912	Titan1-164	BDL	0.22	BDL	0.9	BDL	0.17	BDL	0.12	BDL	0.3	BDL	0.02	BDL	0.43	BDL	0.41	BDL	0.31	BDL	0.1
4/26/2013 9:20	titan10	100	100	111	537	9656.894	Titan1-164	BDL	0.21	BDL	0.89	BDL	0.22	BDL	0.12	BDL	0.2	BDL	0.02	BDL	0.4	BDL	0.43	BDL	0.3	BDL	0.1
4/26/2013 9:21	titan10	101	100	111	537	9575.949	Titan1-164	BDL	0.21	BDL	0.9	BDL	0.17	BDL	0.12	BDL	0.3	BDL	0.02	BDL	0.35	BDL	0.35	BDL	0.31	BDL	0.07
4/26/2013 9:22	titan10	102	100	111	537	9526.669	Titan1-164	BDL	0.2	BDL	0.89	BDL	0.21	BDL	0.12	BDL	0.3	BDL	0.06	BDL	0.29	BDL	0.24	BDL	0.33	BDL	0.08
4/26/2013 9:23	titan10	103	100	111	537	9452.57	Titan1-164	BDL	0.18	BDL	0.9	BDL	0.16	BDL	0.11	BDL	0.3	BDL	0.02	BDL	0.09	BDL	0.22	BDL	0.36	BDL	0.07
4/26/2013 9:24	titan10	104	100	111	536	9454.94	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.22	BDL	0.12	BDL	0.3	BDL	0.02	BDL	0.15	BDL	0.23	BDL	0.35	BDL	0.06
4/26/2013 9:25	titan10	105	100	111	537	9446.02	Titan1-164	BDL	0.17	BDL	0.89	BDL	0.18	BDL	0.09	BDL	0.4	BDL	0.02	BDL	0.09	BDL	0.34	BDL	0.44	BDL	0.03
4/26/2013 9:26	titan10	106	100	111	537	9378.955	Titan1-164	BDL	0.17	BDL	0.89	BDL	0.2	BDL	0.08	BDL	0.4	BDL	0.01	BDL	0.02	BDL	0.25	BDL	0.34	BDL	0.04
4/26/2013 9:27	titan10	107	100	111	537	9425.129	Titan1-164	BDL	0.15	BDL	0.9	BDL	0.23	BDL	0.15	BDL	0.4	BDL	0.04	BDL	0.04	BDL	0.22	BDL	0.41	BDL	0.04
4/26/2013 9:28	titan10	108	100	111	537	9421.427	Titan1-164	BDL	0.15	BDL	0.91	BDL	0.21	BDL	0.08	BDL	0.3	BDL	0.05	BDL	0.11	BDL	0.19	BDL	0.45	BDL	0.04
4/26/2013 9:29	titan10	109	100	111	537	9366.868	Titan1-164	BDL	0.13	BDL	0.9	BDL	0.22	BDL	0.09	BDL	0.4	BDL	0.02	BDL	0.27	BDL	0.19	BDL	0.37	BDL	0.11
4/26/2013 9:30	titan10	110	100	111	537	9343.334	Titan1-164	BDL	0.12	BDL	0.89	BDL	0.19	BDL	0.11	BDL	0.4	BDL	0.01	BDL	0.39	BDL	0.27	BDL	0.43	BDL	0.08
4/26/2013 9:31	titan10	111	100	111	538	9265.56	Titan1-164	BDL	0.1	BDL	0.89	BDL	0.22	BDL	0.12	BDL	0.3	BDL	0.02	BDL	0.42	BDL	0.17	BDL	0.36	BDL	0.11
4/26/2013 9:32	titan10	112	100	111	541	9223.577	Titan1-164	BDL	0.05	BDL	0.89	BDL	0.2	BDL	0.14	BDL	0.3	BDL	0.02	BDL	0.42	BDL	0.08	BDL	0.35	BDL	0.09
4/26/2013 9:33	titan10	113	100	111	539	9220.479	Titan1-164	BDL	0.04	BDL	0.9	BDL	0.2	BDL	0.1	BDL	0.4	BDL	0.05	BDL	0.46	BDL	0.07	BDL	0.36	BDL	0.07
4/26/2013 9:34	titan10	114	100	111	540	9188.579	Titan1-164	BDL	0.02	BDL	0.89	BDL	0.16	BDL	0.12	BDL	0.4	BDL	0.01	BDL	0.42	BDL	0.03	BDL	0.37	BDL	0.1
4/26/2013 9:35	titan10	115	100	111	540	9156.049	Titan1-164	BDL	0	BDL	0.9	BDL	0.17	BDL	0.11	BDL	0.5	BDL	0.01	BDL	0.44	BDL	0.07	BDL	0.36	BDL	0.07
4/26/2013 9:36	titan10	116	100	111	539	9174.931	Titan1-164	BDL	0	BDL	0.9	BDL	0.18	BDL	0.1	BDL	0.5	BDL	0.05	BDL	0.46	BDL	0.09	BDL	0.35	BDL	0.08
4/26/2013 9:37	titan10	117	100	111	540	9153.541	Titan1-164	BDL	0.06	BDL	0.89	BDL	0.18	BDL	0.13	BDL	0.4	BDL	0.05	BDL	0.44	BDL	0.15	BDL	0.35	BDL	0.05
4/26/2013 9:38	titan10	118	100	111	540	9167.727	Titan1-164	BDL	0.05	BDL	0.89	BDL	0.21	BDL	0.13	BDL	0.3	BDL	0.03	BDL	0.38	BDL	0.09	BDL	0.32	BDL	0.07
4/26/2013 9:39	titan10	119	100	111	540	9139.659	Titan1-164	BDL	0.04	BDL	0.89	BDL	0.18	BDL	0.13	BDL	0.4	BDL	0.01	BDL	0.37	BDL	0.25	BDL	0.32	BDL	0.07
4/26/2013 9:40	titan10	120	100	111	540	9150.225	Titan1-164	BDL	0.08	BDL	0.9	BDL	0.25	BDL	0.14	BDL	0.3	BDL	0.01	BDL	0.31	BDL	0.1	BDL	0.32	BDL	0.06
4/26/2013 9:41	titan10	121	100	111	539	9075.693	Titan1-164	BDL	0.05	BDL	0.89	BDL	0.2	BDL	0.12	BDL	0.4	BDL	0.04	BDL	0.39	BDL	0.19	BDL	0.32	BDL	0.09
4/26/2013 9:42	titan10	122	100	111	540	9043.001	Titan1-164	BDL	0.02	BDL	0.89	BDL	0.2	BDL	0.17	BDL	0.4	BDL	0.03	BDL	0.41	BDL	0.16	BDL	0.33	BDL	0.09
4/26/2013 9:43	titan10	123	100	111	540	9000.89	Titan1-164	BDL	0	BDL	0.89	BDL	0.14	BDL	0.17	BDL	0.5	BDL	0.02	BDL	0.43	BDL	0.11	BDL	0.29	BDL	0.1
4/26/2013 9:44	titan10	124	100	111	540	8963.373	Titan1-164	BDL	0.05	BDL	0.89	BDL	0.12	BDL	0.18	BDL	0.5	BDL	0.02	BDL	0.4	BDL	0.04	BDL	0.29	BDL	0.1
4/26/2013 9:45	titan10	125	100	111	540	8973.671	Titan1-164	BDL	0.01	BDL	0.89	BDL	0.19	BDL	0.2	BDL	0.5	BDL	0.03	BDL	0.42	BDL	0.17	BDL	0.31	BDL	0.09
4/26/2013 9:46	titan10	126	100	111	539	9305.867	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.17	BDL	0.16	BDL	0.3	BDL	0	BDL	0.43	BDL	0.36	BDL	0.25	BDL	0.08
4/26/2013 9:47	titan10	127	100	111	540	9644.053	Titan1-164	BDL	0.2	BDL	0.89	BDL	0.17	BDL	0.16	BDL	0.3	BDL	0.04	BDL	0.42	BDL	0.37	BDL	0.31	BDL	0.09
4/26/2013 9:48	titan10	128	100	111	538	9879.329	Titan1-164	BDL	0.21	BDL	0.89	BDL	0.23	BDL	0.15	BDL	0.1	BDL	0.03	BDL	0.41	BDL	0.36	BDL	0.31	BDL	0.1
4/26/2013 9:49	titan10	129	100	111	540	9969.697	Titan1-164	BDL	0.22	BDL	0.9	BDL	0.19	BDL	0.11	BDL	0.2	BDL	0.06	BDL	0.39	BDL	0.39	BDL	0.3	BDL	0.11
4/26/2013 9:50	titan10	130	100	111	540	9858.727	Titan1-164	BDL	0.2	BDL	0.9	BDL	0.22	BDL	0.15	BDL	0.3	BDL	0.03	BDL	0.4	BDL	0.29	BDL	0.32	BDL	0.11
4/26/2013 9:51	titan10	131	100	111	540	9795.9	Titan1-164	BDL	0.2	BDL	0.9	BDL	0.24	BDL	0.16	BDL	0.2	BDL	0.06	BDL	0.35	BDL	0.28	BDL	0.35	BDL	0.09
4/26/2013 9:52	titan10	132	100	111	539	9791.113	Titan1-164	BDL	0.19	BDL	0.89	BDL	0.21	BDL	0.14	BDL	0.3	BDL	0.02	BDL	0.3	BDL	0.26	BDL	0.32	BDL	0.09
4/26/2013 9:53	titan10	133	100	111	539	9756.535	Titan1-164	BDL	0.19	BDL	0.89	BDL	0.2	BDL	0.17	BDL	0.4	BDL	0.05	BDL	0.25	BDL	0.29	BDL	0.4	BDL	0.09
4/26/2013 9:54	titan10	134	100	111	540	9739.219	Titan1-164	BDL	0.19	BDL	0.89	BDL	0.18	BDL	0.12	BDL	0.3	BDL	0.01	BDL	0.2	BDL	0.27	BDL	0.36	BDL	0.06
4/26/2013 9:55	titan10	135	100	111	539	9678.636	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.22	BDL	0.13	BDL	0.3	BDL	0.06	BDL	0.19	BDL	0.31	BDL	0.36	BDL	0.07
4/26/2013 9:56	titan10	136	100	111	539	9749.928	Titan1-164	BDL	0.18	BDL	0.9	BDL	0.24	BDL	0.11	BDL	0.3	BDL	0.03	BDL	0.28	BDL	0.31	BDL	0.34	BDL	0.09
4/26/2013 9:57	titan10	137	100	111	539	9736.493	Titan1-164	BDL	0.18	BDL	0.9	BDL	0.17	BDL	0.15	BDL	0.4	BDL	0.05	BDL	0.18	BDL	0.35	BDL	0.39	BDL	0.08
4/26/2013 9:58	titan10	138	100	111	539	9648.671	Titan1-164	BDL	0.16	BDL	0.89	BDL	0.15	BDL	0.11	BDL	0.4	BDL	0.04	BDL	0.06	BDL	0.29	BDL	0.43	BDL	0.06
4/26/2013 9:59	titan10	139	100	111	539	9669.492	Titan1-164	BDL	0.14	BDL	0.9	BDL	0.15	BDL	0.12	BDL	0.3	BDL	0.05	BDL	0.02	BDL	0.28	BDL	0.39	BDL	0.08
4/26/2013 10:01	titan10	140	100	111	540	9736.86	Titan1-164	BDL	0.17	BDL	0.9	BDL	0.22	BDL	0.13	BDL	0.2	BDL	0.01	BDL	0.17	BDL	0.35	BDL	0.41	BDL	0.08
4/26/2013 10:02	titan10	141	100	111	539	9683.75	Titan1-164	BDL	0.15	BDL	0.9	BDL	0.18	BDL	0.15	BDL	0.3	BDL	0.06	BDL	0.09	BDL	0.18	BDL	0.38	BDL	0.08
4/26/2013 10:03	titan10	142	100	111	539	9646.13	Titan1-164	BDL	0.15	BDL	0.89	BDL	0.22	BDL	0.14	BDL	0.3	BDL	0.02	BDL	0.14	BDL	0.22	BDL	0.35	BDL	0.09
4/26/2013 10:04	titan10	143	100	111	539	9674.42	Titan1-164	BDL	0.16	BDL	0.9	BDL	0.24	BDL	0.12	BDL	0.1	BDL	0.04	BDL	0.28	BDL	0.24	BDL	0.37	BDL	0.1
4/26/2013 10:05	titan10	144	100	111	539	9203.704	Titan1-164	BDL	0.13	BDL	0.9	BDL	0.24	BDL	0.1	BDL	0.3	BDL	0.05	BDL	0.08	BDL	0.21	BDL	0.36	BDL	0.14
4/26/2013 10:06	titan10	145	100	111	539	9577.768	Titan1-164	BDL	0.14	BDL	0.89	BDL	0.13	BDL	0.1	BDL	0.5	BDL	0.06	BDL	0.06	BDL	0.23	BDL	0.42	BDL	0.1
4/26/2013 10:07	titan10	146	100	111	540	9527.26	Titan1-164	BDL	0.12	BDL	0.89	BDL	0.14	BDL	0.1	BDL	0.4	BDL	0.01	BDL	0.01	BDL	0.34	BDL	0.41	BDL	0.17
4/26/2013 10:08	titan10	147	100	111	540	9526.019	Titan1-164	BDL	0.14	BDL	0.9	BDL	0.22	BDL	0.1	BDL	0.2	BDL	0.04	BDL	0.14	BDL	0.23	BDL	0.37	BDL	0.1
4/26/2013 10:09	titan10	148	100	111	539	9533.41	Titan1-164	BDL	0.14	BDL	0.9	BDL	0.23	BDL	0.12	BDL	0.2	BDL	0.07	BDL	0.18	BDL	0.27	BDL	0.36	BDL	0.11
4/26/2013 10:10	titan10	149	100	111	540	9504.278	Titan1-164	BDL	0.12	BDL	0.89	BDL	0.22	BDL	0.14	BDL	0.3	BDL	0.07	BDL	0.05	BDL	0.21	BDL	0.38	BDL	0.08
4/26/2013 10:11	titan10	150	100	111	539	9366.46	Titan1-164	BDL	0.05	BDL	0.89	BDL	0.19	BDL	0.16	BDL	0.4	BDL	0.03	BDL	0.37	BDL	0.16	BDL	0.36	BDL	0.06
4/26/2013 10:12	titan10	151	100	111	540	9329.262	Titan1-164	BDL	0.07	BDL	0.89	BDL	0.24	BDL	0.15	BDL	0.3	BDL	0.06	BDL	0.26	BDL	0.12	BDL	0.35	BDL	0.01
4/26/2013 10:13	titan10	152	100	111	540	9337.885	Titan1-164	BDL	0.09	BDL	0.89	BDL	0.21	BDL	0.15	BDL	0.3	BDL	0.03	BDL	0.11	BDL	0.15	BDL	0.34	BDL	0.06
4/26/2013 10:14	titan10	153	100	111	540	9346.961	Titan1-164	BDL	0.09	BDL	0.89	BDL	0.14	BDL	0.14	BDL	0.4	BDL	0.03	BDL	0.24	BDL	0.2	BDL	0.35	BDL	0.08
4/26/2013 10:15	titan10	154	100	111	539	9309.884	Titan1-164	BDL	0.08	BDL	0.89	BDL	0.15	BDL	0.15	BDL	0.5	BDL	0.05	BDL	0.34	BDL	0.2	BDL	0.31	BDL	0.01
4/26/2013 10:16	titan10	155	100	111	539	9487.761	Titan1-164	BDL	0.09	BDL	0.89	BDL	0.15	BDL	0.17	BDL	0.4	BDL	0.05	BDL	0.13	BDL	0.25	BDL	0.33	BDL	0.11
4/26/2013 10:17	titan10	156	100	111	538	9431.587	Titan1-164	BDL	0.14	BDL	0.89	BDL	0.15	BDL	0.22	BDL	0.5	BDL	0.08	BDL	0.34	BDL	0.32	BDL	0.34	BDL	0.11
4/26/2013 10:18	titan10	157	100	111	539	9687.61	Titan1-164	BDL	0.19	BDL	0.89	BDL	0.2	BDL	0.17	BDL	0.3	BDL	0.04	BDL	0.45	BDL	0.28	BDL	0.32	BDL	0.1
4/26/2013 10:19	titan10	158	100	111	539	9925.869	Titan1-164	BDL	0.2	BDL	0.89	BDL	0.15	BDL	0.14	BDL	0.3	BDL	0.03	BDL	0.4	BDL	0.36	BDL	0.31	BDL	0.11
4/26/2013 10:20	titan10	159	100	111	540	10118.55	Titan1-164	BDL	0.22	BDL	0.9	BDL	0.14	BDL	0.13	BDL	0.3	BDL	0.02	BDL	0.39	BDL	0.45	BDL	0.33	BDL	0.1
4/26/2013 10:21	titan10	160	100	111	540	10087.04	Titan1-164	BDL	0.21	BDL	0.9	BDL	0.21	BDL	0.15	BDL	0.3	BDL	0.04	BDL	0.39	BDL	0.51	BDL	0.37	BDL	0.1
4/26/2013 10:22	titan10	161	100	111	539	10054.41	Titan1-164	BDL	0.21	BDL	0.9	BDL	0.21	BDL	0.14	BDL	0.3	BDL	0.06	BDL	0.4	BDL	0.4	BDL	0.33	BDL	0.09
4/26/2013 10:23	titan10	162	100	111	540	9948.265	Titan1-164	BDL	0.2	BDL	0.9	BDL	0.19	BDL	0.14	BDL	0.4	BDL	0.06	BDL	0.29	BDL	0.28	BDL	0.38	BDL	0.08
4/26/2013 10:24	titan10	163	100	111	540	9923.738	Titan1-164	BDL	0.19	BDL	0.9	BDL	0.24	BDL	0.11	BDL	0.2	BDL	0.06	BDL	0.29	BDL	0.33	BDL	0.31	BDL	0.08
4/26/2013 10:25	titan10	164	100	111	540	9928.177	Titan1-164	BDL	0.2	BDL	0.9	BDL	0.2	BDL	0.1	BDL	0.4	BDL	0.05	BDL	0.23	BDL	0.34	BDL	0.38	BDL	0.08
4/26/2013 10:26	titan10	165	100	111	540	9857.478	Titan1-164	BDL	0.18	BDL	0.89	BDL	0.16	BDL	0.11	BDL	0.4	BDL	0.05	BDL	0.12	BDL	0.32	BDL	0.36	BDL	0.08
4/26/2013 10:27	titan10	166	100	111	540	9825.327	Titan1-164	BDL	0.17	BDL	0.9	BDL	0.19	BDL	0.1	BDL	0.4	BDL	0.03	BDL	0.02	BDL	0.3	BDL	0.4	BDL	0.05
4/26/2013 10:28	titan10	167	100	111	540	9915.837	Titan1-164	BDL	0.2	BDL	0.9	BDL	0.24	BDL	0.14	BDL	0.2	BDL	0.07	BDL	0.31	BDL	0.34	BDL	0.42	BDL	0.1
4/26/2013 10:29	titan10	168	100	111	539	9920.649	Titan1-164	BDL	0.19	BDL	0.89	BDL	0.24	BDL	0.12	BDL	0.2	BDL	0.03	BDL	0.28	BDL	0.4	BDL	0.45	BDL	0.09
4/26/2013 10:30	titan10	169	100	111	539	9838.149	Titan1-164	BDL	0.17	BDL	0.9	BDL	0.25	BDL	0.09	BDL	0.2	BDL	0.03	BDL	0.13	BDL	0.37	BDL	0.48	BDL	0.1
4/26/2013 10:31	titan10	170	100	111	538	9804.33	Titan1-164	BDL	0.16	BDL	0.9	BDL	0.24	BDL	0.14	BDL	0.2	BDL	0.04	BDL	0.2	BDL	0.32	BDL	0.42	BDL	0.09
4/26/2013 10:32	titan10	171	100	111	539	9765.595	Titan1-164	BDL	0.16	BDL	0.89	BDL	0.18	BDL	0.12	BDL	0.4	BDL	0.05	BDL	0.17	BDL	0.28	BDL	0.4	BDL	0.11
4/26/2013 10:33	titan10	172	100	111	539	9769.158	Titan1-164	BDL	0.15	BDL	0.89	BDL	0.12	BDL	0.11	BDL	0.5	BDL	0.06	BDL	0.15	BDL	0.24	BDL	0.44	BDL	0.1
4/26/2013 10:34	titan10	173	100	111	539	9658.124	Titan1-164	BDL	0.15	BDL	0.89	BDL	0.16	BDL	0.13	BDL	0.4	BDL	0.02	BDL	0.12	BDL	0.24	BDL	0.43	BDL	0.07
4/26/2013 10:35	titan10	174	100	111	540	9526.763	Titan1-164	BDL	0.14	BDL	0.89	BDL	0.18	BDL	0.13	BDL	0.3	BDL	0.04	BDL	0.03	BDL	0.3	BDL	0.4	BDL	0.09
4/26/2013 10:36	titan10	175	100	111	540	9618.759	Titan1-164	BDL	0.14	BDL	0.9	BDL	0.23	BDL	0.13	BDL	0.3	BDL	0.02	BDL	0.07	BDL	0.29	BDL	0.27	BDL	0.08
4/26/2013 10:37	titan10	176	100	111	540	9689.396	Titan1-164	BDL	0.16	BDL	0.9	BDL	0.2	BDL	0.12	BDL	0.3	BDL	0.03	BDL	0.32	BDL	0.31	BDL	0.4	BDL	0.11
4/26/2013 10:38	titan10	177	100	111	539	9593.288	Titan1-164	BDL	0.13	BDL	0.9	BDL	0.21	BDL	0.12	BDL	0.4	BDL	0.01	BDL	0.1	BDL	0.21	BDL	0.36	BDL	0.11
4/26/2013 10:39	titan10	178	100	111	539	9464.361	Titan1-164	BDL	0.1	BDL	0.89	BDL	0.19	BDL	0.11	BDL	0.4	BDL	0.07	BDL	0.17	BDL	0.2	BDL	0.34	BDL	0.13
4/26/2013 10:40	titan10	179	100	111	539	9507.484	Titan1-164	BDL	0.11	BDL	0.89	BDL	0.23	BDL	0.11	BDL	0.2	BDL	0.04	BDL	0.25	BDL	0.31	BDL	0.32	BDL	0.04
4/26/2013 10:41	titan10	180	100	111	540	9478.736	Titan1-164	BDL	0.09	BDL	0.89	BDL	0.19	BDL	0.13	BDL	0.4	BDL	0.07	BDL	0.15	BDL	0.28	BDL	0.35	BDL	0.08
4/26/2013 10:42	titan10	181	100	111	540	9448.045	Titan1-164	BDL	0.09	BDL	0.9	BDL	0.15	BDL	0.13	BDL	0.5	BDL	0.02	BDL	0.26	BDL	0.33	BDL	0.38	BDL	0.05
4/26/2013 10:43	titan10	182	100	111	540	9479.291	Titan1-164	BDL	0.1	BDL	0.9	BDL	0.14	BDL	0.14	BDL	0.5	BDL	0.02	BDL	0.08	BDL	0.24	BDL	0.34	BDL	0.11
4/26/2013 10:44	titan10	183	100	111	539	9478.071	Titan1-164	BDL	0.1	BDL	0.9	BDL	0.17	BDL	0.16	BDL	0.4	BDL	0.02	BDL	0.02	BDL	0.3	BDL	0.34	BDL	0.2
4/26/2013 10:45	titan10	184	100	111	539	9476.771	Titan1-164	BDL	0.12	BDL	0.9	BDL	0.2	BDL	0.15	BDL	0.4	BDL	0.01	BDL	0.03	BDL	0.23	BDL	0.35	BDL	0.09
4/26/2013 10:46	titan10	185	100	111	540	9432.517	Titan1-164	BDL	0.1	BDL	0.89	BDL	0.17	BDL	0.15	BDL	0.4	BDL	0.06	BDL	0.1	BDL	0.29	BDL	0.32	BDL	0.13
4/26/2013 10:47	titan10	186	100	111	540	9385.013	Titan1-164	BDL	0.06	BDL	0.9	BDL	0.16	BDL	0.15	BDL	0.4	BDL	0.04	BDL	0.26	BDL	0.17	BDL	0.32	BDL	0.02
4/26/2013 10:48	titan10	187	100	111	540	9310.649	Titan1-164	BDL	0.04	BDL	0.9	BDL	0.18	BDL	0.18	BDL	0.4	BDL	0.03	BDL	0.39	BDL	0.33	BDL	0.33	BDL	0.06
4/26/2013 10:49	titan10	188	100	111	540	9286.349	Titan1-164	BDL	0.03	BDL	0.9	BDL	0.21	BDL	0.17	BDL	0.4	BDL	0.01	BDL	0.38	BDL	0.22	BDL	0.27	BDL	0.09
4/26/2013 10:50	titan10	189	100	111	540	9281.596	Titan1-164	BDL	0.04	BDL	0.9	BDL	0.22	BDL	0.24	BDL	0.4	BDL	0.02	BDL	0.34	BDL	0.25	BDL	0.25	BDL	0.06
4/26/2013 10:51	titan10	190	100	111	540	9804.217	Titan1-164	BDL	0.2	BDL	0.9	BDL	0.24	BDL	0.17	BDL	0.2	BDL	0.03	BDL	0.45	BDL	0.31	BDL	0.27	BDL	0.09
4/26/2013 10:52	titan10	191	100	111	539	8702.237	Titan1-164	BDL	0.21	BDL	0.92	BDL	0.28	BDL	0.14	BDL	0.1	BDL	0.04	BDL	0.42	BDL	0.4	BDL	0.26	BDL	0.09
4/26/2013 10:54	titan10	192	100	111	540	10189.8	Titan1-164	BDL	0.22	BDL	0.9	BDL	0.2	BDL	0.14	BDL	0.2	BDL	0.02	BDL	0.41	BDL	0.37	BDL	0.29	BDL	0.09
4/26/2013 10:55	titan10	193	100	111	540	10219.14	Titan1-164	BDL	0.21	BDL	0.9	BDL	0.15	BDL	0.16	BDL	0.3	BDL	0.04	BDL	0.37	BDL	0.44	BDL	0.3	BDL	0.1
4/26/2013 10:56	titan10	194	100	111	540	10182.2	Titan1-164	BDL	0.21	BDL	0.9	BDL	0.2	BDL	0.12	BDL	0.3	BDL	0.03	BDL	0.41	BDL	0.35	BDL	0.31	BDL	0.09
4/26/2013 10:57	titan10	195	100	111	540	10108.6	Titan1-164	BDL	0.2	BDL	0.9	BDL	0.23	BDL	0.16	BDL	0.3	BDL	0.01	BDL	0.37	BDL	0.26	BDL	0.31	BDL	0.1
4/26/2013 10:58	titan10	196	100	111	540	10072.84	Titan1-164	BDL	0.19	BDL	0.9	BDL	0.21	BDL	0.12	BDL	0.3	BDL	0.02	BDL	0.2	BDL	0.33	BDL	0.35	BDL	0.08
4/26/2013 10:59	titan10	197	100	111	540	10048.17	Titan1-164	BDL	0.19	BDL	0.9	BDL	0.2	BDL	0.14	BDL	0.4	BDL	0.01	BDL	0.01	BDL	0.28	BDL	0.33	BDL	0.06
4/26/2013 11:00	titan10	198	100	111	540	10007.12	Titan1-164	BDL	0.16	BDL	0.91	BDL	0.2	BDL	0.11	BDL	0.4	BDL	0.01	BDL	0.11	BDL	0.35	BDL	0.39	BDL	0.05
4/26/2013 11:01	titan10	199	100	111	539	9937.598	Titan1-164	BDL	0.12	BDL	0.91	BDL	0.17	BDL	0.12	BDL	0.4	BDL	0.01	BDL	0.33	BDL	0.32	BDL	0.41	BDL	0.02
4/26/2013 11:02	titan10	200	100	111	539	9931.005	Titan1-164	BDL	0.12	BDL	0.9	BDL	0.14	BDL	0.11	BDL	0.5	BDL	0.03	BDL	0.34	BDL	0.28	BDL	0.38	BDL	0.02
4/26/2013 11:03	titan10	201	100	111	540	9913.518	Titan1-164	BDL	0.11	BDL	0.91	BDL	0.2	BDL	0.12	BDL	0.4	BDL	0.03	BDL	0.34	BDL	0.3	BDL	0.42	BDL	0.03
4/26/2013 11:04	titan10	202	100	111	540	9937.27	Titan1-164	BDL	0.09	BDL	0.91	BDL	0.19	BDL	0.13	BDL	0.4	BDL	0.02	BDL	0.33	BDL	0.34	BDL	0.43	BDL	0.04
4/26/2013 11:05	titan10	203	100	111	539	9880.554	Titan1-164	BDL	0.04	BDL	0.9	BDL	0.16	BDL	0.1	BDL	0.5	BDL	0.01	BDL	0.4	BDL	0.25	BDL	0.43	BDL	0.1
4/26/2013 11:06	titan10	204	100	111	539	9920.324	Titan1-164	BDL	0.06	BDL	0.91	BDL	0.15	BDL	0.09	BDL	0.4	BDL	0.02	BDL	0.31	BDL	0.24	BDL	0.43	BDL	0.03
4/26/2013 11:07	titan10	205	100	111	539	9918.644	Titan1-164	BDL	0.05	BDL	0.91	BDL	0.21	BDL	0.1	BDL	0.4	BDL	0.03	BDL	0.38	BDL	0.19	BDL	0.39	BDL	0.02
4/26/2013 11:08	titan10	206	100	111	540	9912.131	Titan1-164	BDL	0.03	BDL	0.91	BDL	0.15	BDL	0.16	BDL	0.4	BDL	0.04	BDL	0.3	BDL	0.18	BDL	0.47	BDL	0.04
4/26/2013 11:09	titan10	207	100	111	540	9975.781	Titan1-164	BDL	0.06	BDL	0.91	BDL	0.2	BDL	0.11	BDL	0.4	BDL	0.02	BDL	0.36	BDL	0.23	BDL	0.39	BDL	0.04
4/26/2013 11:10	titan10	208	100	111	540	9943.943	Titan1-164	BDL	0.04	BDL	0.91	BDL	0.25	BDL	0.12	BDL	0.3	BDL	0.01	BDL	0.28	BDL	0.23	BDL	0.34	BDL	0.02
4/26/2013 11:11	titan10	209	100	111	540	7584.474	Titan1-164	BDL	0.02	BDL	0.9	BDL	0.22	BDL	0.09	BDL	0.4	BDL	0.01	BDL	0.34	BDL	0.17	BDL	0.3	BDL	0.1
4/26/2013 11:12	titan10	210	100	111	539	9844.251	Titan1-164	BDL	0	BDL	0.91	BDL	0.13	BDL	0.15	BDL	0.5	BDL	0.01	BDL	0.36	BDL	0.26	BDL	0.36	BDL	0.07
4/26/2013 11:13	titan10	211	100	111	539	8483.587	Titan1-164	BDL	0.05	BDL	0.9	BDL	0.22	BDL	0.14	BDL	0.3	BDL	0.05	BDL	0.35	BDL	0.21	BDL	0.32	BDL	0.03

Sample Date/Time	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
Maximum:	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/26/2013 9:00	BDL	0.17	0.016117	0.97	BDL	0.16	BDL	0.54	0.008805	0.33	BDL	0.2	BDL	0.16	BDL	0.25	BDL	0.11	BDL	0.9	BDL	0.22	BDL	0.19
4/26/2013 9:01	BDL	0.23	0.020608	0.96	BDL	0.16	BDL	0.55	0.008858	0.35	BDL	0.16	BDL	0.06	BDL	0.3	BDL	0.21	BDL	0.79	BDL	0.24	BDL	0.23
4/26/2013 9:02	BDL	0.03	0.002751	0.49	BDL	0.17	BDL	0.58	0.009706	0.42	BDL	0.18	BDL	0.11	BDL	0.27	BDL	0.17	BDL	0.54	BDL	0.51	BDL	0.34
4/26/2013 9:03	BDL	0.05	0.013201	0.96	BDL	0.17	BDL	0.57	0.010711	0.44	BDL	0.22	BDL	0.06	BDL	0.39	BDL	0.14	BDL	0.36	BDL	0.52	BDL	0.3
4/26/2013 9:04	BDL	0.21	0.015194	0.97	BDL	0.17	BDL	0.57	0.010793	0.45	BDL	0.18	BDL	0.17	BDL	0.36	BDL	0.11	BDL	0.56	BDL	0.62	BDL	0.31
4/26/2013 9:05	BDL	0.1	0.034615	0.98	BDL	0.17	BDL	0.56	0.010104	0.39	BDL	0.17	BDL	0.18	BDL	0.24	BDL	0.15	BDL	0.71	BDL	0.67	BDL	0.16
4/26/2013 9:06	BDL	0.34	0.030401	0.98	BDL	0.15	BDL	0.55	0.011067	0.49	BDL	0.19	BDL	0.06	BDL	0.2	BDL	0.12	BDL	0.57	BDL	0.93	BDL	0.18
4/26/2013 9:07	BDL	0.26	0.034774	0.98	BDL	0.15	BDL	0.55	0.009672	0.39	BDL	0.21	BDL	0.1	BDL	0.2	BDL	0.05	BDL	0.66	BDL	0.62	BDL	0.18
4/26/2013 9:08	BDL	0.19	0.021299	0.97	BDL	0.17	BDL	0.54	0.010776	0.47	BDL	0.23	BDL	0.14	BDL	0.2	BDL	0.1	BDL	0.29	BDL	0.31	BDL	0.21
4/26/2013 9:09	BDL	0.19	0.007628	0.91	BDL	0.17	BDL	0.56	0.011401	0.47	BDL	0.25	BDL	0.13	BDL	0.07	BDL	0.11	BDL	0.47	BDL	0.69	BDL	0.29
4/26/2013 9:11	BDL	0.07	0.012127	0.96	BDL	0.18	BDL	0.54	0.009238	0.35	BDL	0.17	BDL	0.19	BDL	0.14	BDL	0.23	BDL	0.88	BDL	0.51	BDL	0.05
4/26/2013 9:12	BDL	0.13	0.025948	0.95	BDL	0.16	BDL	0.34	0.007466	0.25	BDL	0.19	BDL	0.19	BDL	0.18	BDL	0.35	BDL	0.97	BDL	0.36	BDL	0.28
4/26/2013 9:13	BDL	0.08	0.030743	0.97	BDL	0.16	BDL	0.06	0.005701	0.18	BDL	0.04	BDL	0.28	BDL	0.11	BDL	0.61	BDL	0.98	BDL	0.82	BDL	0.37
4/26/2013 9:14	BDL	0.15	0.024833	0.97	BDL	0.15	BDL	0.42	0.007494	0.28	BDL	0.19	BDL	0.18	BDL	0.21	BDL	0.43	BDL	0.97	BDL	0.33	BDL	0.25
4/26/2013 9:15	BDL	0.18	0.021012	0.96	BDL	0.16	BDL	0.55	0.008161	0.33	BDL	0.19	BDL	0.17	BDL	0.27	BDL	0.25	BDL	0.89	BDL	0.63	BDL	0.12
4/26/2013 9:16	BDL	0.11	0.008037	0.82	BDL	0.16	BDL	0.51	0.002699	0.04	BDL	0.13	BDL	0.24	BDL	0.09	BDL	0.32	BDL	0.95	BDL	0.6	BDL	0.41
4/26/2013 9:17	BDL	0.1	0.012544	0.78	BDL	0.16	BDL	0.55	0	0.18	BDL	0.21	BDL	0.13	BDL	0.03	BDL	0.34	BDL	0.9	BDL	0.85	BDL	0.39
4/26/2013 9:18	BDL	0.11	0.010463	0.81	BDL	0.15	BDL	0.55	0	0.15	BDL	0.21	BDL	0.14	BDL	0.05	BDL	0.28	BDL	0.89	BDL	0.42	BDL	0.35
4/26/2013 9:19	BDL	0.14	0.01804	0.92	BDL	0.16	BDL	0.55	0	0.13	BDL	0.21	BDL	0.13	BDL	0.1	BDL	0.24	BDL	0.89	BDL	0.46	BDL	0.38
4/26/2013 9:20	BDL	0.11	0.018973	0.92	BDL	0.17	BDL	0.55	0	0.06	BDL	0.22	BDL	0.1	BDL	0.04	BDL	0.31	BDL	0.9	BDL	0.43	BDL	0.43
4/26/2013 9:21	BDL	0.1	0.009758	0.88	BDL	0.16	BDL	0.58	0	0.04	BDL	0.19	BDL	0.14	BDL	0.17	BDL	0.34	BDL	0.92	BDL	0.53	BDL	0.42
4/26/2013 9:22	BDL	0.17	0.016597	0.95	BDL	0.17	BDL	0.58	0	0.03	BDL	0.19	BDL	0.19	BDL	0.16	BDL	0.3	BDL	0.93	BDL	0.7	BDL	0.46
4/26/2013 9:23	BDL	0.12	0.01848	0.95	BDL	0.17	BDL	0.52	0.004151	0.08	BDL	0.16	BDL	0.11	BDL	0.44	BDL	0.42	BDL	0.96	BDL	0.57	BDL	0.5
4/26/2013 9:24	BDL	0.15	0.023654	0.97	BDL	0.17	BDL	0.54	0.004771	0.1	BDL	0.12	BDL	0.18	BDL	0.31	BDL	0.22	BDL	0.96	BDL	0.75	BDL	0.37
4/26/2013 9:25	BDL	0.14	0.013403	0.93	BDL	0.17	BDL	0.5	0.004758	0.12	BDL	0.03	BDL	0.09	BDL	0.31	BDL	0.26	BDL	0.96	BDL	0.42	BDL	0.37
4/26/2013 9:26	BDL	0.22	0.016101	0.93	BDL	0.16	BDL	0.37	0.005542	0.14	BDL	0.08	BDL	0.2	BDL	0.31	BDL	0.31	BDL	0.97	BDL	0.41	BDL	0.44
4/26/2013 9:27	BDL	0.27	0.02044	0.97	BDL	0.16	BDL	0.21	0.006086	0.17	BDL	0.03	BDL	0.09	BDL	0.32	BDL	0.31	BDL	0.98	BDL	0.51	BDL	0.2
4/26/2013 9:28	BDL	0.14	0.019397	0.95	BDL	0.17	BDL	0.28	0.005658	0.21	BDL	0.03	BDL	0.24	BDL	0.5	BDL	0.32	BDL	0.98	BDL	0.74	BDL	0.32
4/26/2013 9:29	BDL	0.17	0.019479	0.95	BDL	0.17	BDL	0.08	0.007003	0.23	BDL	0.06	BDL	0.22	BDL	0.32	BDL	0.37	BDL	0.97	BDL	0.38	BDL	0.27
4/26/2013 9:30	BDL	0.15	0.012435	0.92	BDL	0.17	BDL	0.12	0.007427	0.27	BDL	0.11	BDL	0.13	BDL	0.27	BDL	0.56	BDL	0.97	BDL	0.36	BDL	0.06
4/26/2013 9:31	BDL	0.17	0.027668	0.97	BDL	0.18	BDL	0.39	0.007312	0.27	BDL	0.05	BDL	0.06	BDL	0.19	BDL	0.41	BDL	0.96	BDL	0.38	BDL	0.05
4/26/2013 9:32	BDL	0.21	0.019631	0.96	BDL	0.18	BDL	0.47	0.007912	0.29	BDL	0.19	BDL	0.16	BDL	0.23	BDL	0.37	BDL	0.94	BDL	0.39	BDL	0.04
4/26/2013 9:33	BDL	0.2	0.024613	0.97	BDL	0.17	BDL	0.45	0.008575	0.36	BDL	0.28	BDL	0.02	BDL	0.38	BDL	0.36	BDL	0.92	BDL	0.36	BDL	0.06
4/26/2013 9:34	BDL	0.27	0.016975	0.97	BDL	0.16	BDL	0.51	0.008263	0.32	BDL	0.16	BDL	0.09	BDL	0.23	BDL	0.43	BDL	0.89	BDL	0.24	BDL	0.07
4/26/2013 9:35	BDL	0.1	0.011943	0.93	BDL	0.18	BDL	0.52	0.009152	0.37	BDL	0.24	BDL	0.11	BDL	0.35	BDL	0.26	BDL	0.78	BDL	0.09	BDL	0.19
4/26/2013 9:36	BDL	0.15	0.015994	0.96	BDL	0.17	BDL	0.49	0.008462	0.32	BDL	0.18	BDL	0.2	BDL	0.24	BDL	0.42	BDL	0.84	BDL	0.31	BDL	0.28
4/26/2013 9:37	BDL	0.2	0.018027	0.96	BDL	0.18	BDL	0.42	0.008018	0.31	BDL	0.19	BDL	0.09	BDL	0.26	BDL	0.47	BDL	0.95	BDL	0.82	BDL	0.1
4/26/2013 9:38	BDL	0.12	0.02433	0.97	BDL	0.18	BDL	0.45	0.00777	0.29	BDL	0.16	BDL	0.12	BDL	0.24	BDL	0.31	BDL	0.95	BDL	0.41	BDL	0.19
4/26/2013 9:39	BDL	0.3	0.020041	0.98	BDL	0.17	BDL	0.5	0.00817	0.3	BDL	0.24	BDL	0.17	BDL	0.39	BDL	0.34	BDL	0.93	BDL	0.59	BDL	0.15
4/26/2013 9:40	BDL	0.16	0.027035	0.98	BDL	0.17	BDL	0.23	0.006656	0.24	BDL	0.15	BDL	0.17	BDL	0.3	BDL	0.42	BDL	0.97	BDL	0.27	BDL	0.39
4/26/2013 9:41	BDL	0.24	0.016346	0.96	BDL	0.18	BDL	0.49	0.007616	0.29	BDL	0.2	BDL	0.15	BDL	0.44	BDL	0.49	BDL	0.94	BDL	0.51	BDL	0.09
4/26/2013 9:42	BDL	0.23	0.018849	0.96	BDL	0.17	BDL	0.53	0.009	0.38	BDL	0.22	BDL	0.13	BDL	0.26	BDL	0.16	BDL	0.92	BDL	0.74	BDL	0.19
4/26/2013 9:43	BDL	0.15	0.008138	0.9	BDL	0.16	BDL	0.53	0.008954	0.38	BDL	0.25	BDL	0.12	BDL	0.33	BDL	0.3	BDL	0.78	BDL	0.59	BDL	0.19
4/26/2013 9:44	BDL	0.44	0.008479	0.91	BDL	0.17	BDL	0.54	0.010126	0.44	BDL	0.24	BDL	0.07	BDL	0.35	BDL	0.18	BDL	0.69	BDL	0.39	BDL	0.18
4/26/2013 9:45	BDL	0.14	0.014448	0.96	BDL	0.17	BDL	0.53	0.008833	0.37	BDL	0.2	BDL	0.06	BDL	0.38	BDL	0.25	BDL	0.87	BDL	0.39	BDL	0.13
4/26/2013 9:46	BDL	0.09	0.012261	0.86	BDL	0.16	BDL	0.57	0	0.1	BDL	0.16	BDL	0.18	BDL	0.12	BDL	0.39	BDL	0.93	BDL	0.72	BDL	0.41
4/26/2013 9:47	BDL	0.04	0.014235	0.83	BDL	0.16	BDL	0.57	0	0.22	BDL	0.24	BDL	0.16	BDL	0.05	BDL	0.28	BDL	0.89	BDL	0.46	BDL	0.4
4/26/2013 9:48	BDL	0.09	0.021818	0.86	BDL	0.16	BDL	0.55	0	0.24	BDL	0.22	BDL	0.19	BDL	0.09	BDL	0.25	BDL	0.88	BDL	0.59	BDL	0.39
4/26/2013 9:49	BDL	0.09	0.020869	0.87	BDL	0.16	BDL	0.57	0	0.11	BDL	0.22	BDL	0.09	BDL	0.14	BDL	0.31	BDL	0.88	BDL	0.7	BDL	0.38
4/26/2013 9:50	BDL	0.07	0.017923	0.89	BDL	0.16	BDL	0.57	0	0.06	BDL	0.2	BDL	0.17	BDL	0.16	BDL	0.27	BDL	0.91	BDL	0.62	BDL	0.4
4/26/2013 9:51	BDL	0.15	0.023056	0.94	BDL	0.17	BDL	0.59	0	0.07	BDL	0.22	BDL	0.16	BDL	0.12	BDL	0.43	BDL	0.92	BDL	0.46	BDL	0.41
4/26/2013 9:52	BDL	0.17	0.016692	0.92	BDL	0.17	BDL	0.58	0	0.05	BDL	0.15	BDL	0.22	BDL	0.18	BDL	0.4	BDL	0.93	BDL	0.27	BDL	0.43
4/26/2013 9:53	BDL	0.1	0.011754	0.92	BDL	0.17	BDL	0.58	0.002677	0.04	BDL	0.21	BDL	0.16	BDL	0.12	BDL	0.41	BDL	0.95	BDL	0.49	BDL	0.43
4/26/2013 9:54	BDL	0.22	0.017642	0.94	BDL	0.18	BDL	0.53	0.003994	0.08	BDL	0.24	BDL	0.26	BDL	0.39	BDL	0.43	BDL	0.95	BDL	0.4	BDL	0.38
4/26/2013 9:55	BDL	0.1	0.020177	0.96	BDL	0.16	BDL	0.58	0.003935	0.07	BDL	0.25	BDL	0.15	BDL	0.33	BDL	0.39	BDL	0.95	BDL	0.33	BDL	0.44
4/26/2013 9:56	BDL	0.13	0.024672	0.95	BDL	0.17	BDL	0.58	0.003856	0.07	BDL	0.18	BDL	0.14	BDL	0.25	BDL	0.36	BDL	0.94	BDL	0.4	BDL	0.46
4/26/2013 9:57	BDL	0.1	0.015763	0.9	BDL	0.17	BDL	0.58	0.004243	0.09	BDL	0.13	BDL	0.22	BDL	0.4	BDL	0.46	BDL	0.96	BDL	0.46	BDL	0.44
4/26/2013 9:58	BDL	0.08	0.00946	0.86	BDL	0.17	BDL	0.47	0.005341	0.15	BDL	0.06	BDL	0.13	BDL	0.25	BDL	0.45	BDL	0.97	BDL	0.31	BDL	0.44
4/26/2013 9:59	BDL	0.09	0.012688	0.85	BDL	0.17	BDL	0.39	0.00481	0.12	BDL	0.15	BDL	0.17	BDL	0.28	BDL	0.32	BDL	0.97	BDL	0.32	BDL	0.44
4/26/2013 10:01	BDL	0.08	0.025555	0.95	BDL	0.17	BDL	0.54	0.003247	0.05	BDL	0.11	BDL	0.15	BDL	0.22	BDL	0.28	BDL	0.96	BDL	0.36	BDL	0.42
4/26/2013 10:02	BDL	0.15	0.015624	0.91	BDL	0.17	BDL	0.5	0.005555	0.15	BDL	0.12	BDL	0.15	BDL	0.3	BDL	0.44	BDL	0.97	BDL	0.41	BDL	0.33
4/26/2013 10:03	BDL	0.13	0.019886	0.94	BDL	0.18	BDL	0.54	0.004508	0.09	BDL	0.16	BDL	0.15	BDL	0.19	BDL	0.39	BDL	0.96	BDL	0.34	BDL	0.45
4/26/2013 10:04	BDL	0.09	0.030775	0.95	BDL	0.18	BDL	0.56	0.00351	0.06	BDL	0.18	BDL	0.15	BDL	0.32	BDL	0.43	BDL	0.96	BDL	0.55	BDL	0.41
4/26/2013 10:05	BDL	0.1	0.024714	0.96	BDL	0.18	BDL	0.44	0.004613	0.1	BDL	0.07	BDL	0.07	BDL	0.31	BDL	0.66	BDL	0.97	BDL	0.41	BDL	0.4
4/26/2013 10:06	BDL	0.07	0.009097	0.88	BDL	0.17	BDL	0.52	0.004776	0.13	BDL	0.03	BDL	0.18	BDL	0.41	BDL	0.48	BDL	0.98	BDL	0.46	BDL	0.36
4/26/2013 10:07	BDL	0.07	0.015944	0.93	BDL	0.17	BDL	0.41	0.004964	0.14	BDL	0.03	BDL	0.08	BDL	0.28	BDL	0.33	BDL	0.98	BDL	0.59	BDL	0.37
4/26/2013 10:08	BDL	0.07	0.031199	0.95	BDL	0.18	BDL	0.52	0.005342	0.14	BDL	0.1	BDL	0.06	BDL	0.22	BDL	0.36	BDL	0.97	BDL	0.28	BDL	0.43
4/26/2013 10:09	BDL	0.14	0.032097	0.97	BDL	0.18	BDL	0.56	0.004814	0.13	BDL	0.04	BDL	0.13	BDL	0.46	BDL	0.52	BDL	0.97	BDL	0.52	BDL	0.32
4/26/2013 10:10	BDL	0.16	0.019556	0.95	BDL	0.17	BDL	0.42	0.006061	0.18	BDL	0.05	BDL	0.11	BDL	0.28	BDL	0.34	BDL	0.98	BDL	0.44	BDL	0.38
4/26/2013 10:11	BDL	0.1	0.019081	0.97	BDL	0.16	BDL	0.26	0.006964	0.24	BDL	0.13	BDL	0.23	BDL	0.4	BDL	0.39	BDL	0.96	BDL	0.62	BDL	0.1
4/26/2013 10:12	BDL	0.08	0.025645	0.96	BDL	0.15	BDL	0.16	0.006831	0.24	BDL	0.05	BDL	0.13	BDL	0.41	BDL	0.61	BDL	0.97	BDL	0.53	BDL	0.37
4/26/2013 10:13	BDL	0.15	0.026661	0.97	BDL	0.17	BDL	0.04	0.005944	0.18	BDL	0.03	BDL	0.16	BDL	0.32	BDL	0.55	BDL	0.98	BDL	0.29	BDL	0.33
4/26/2013 10:14	BDL	0.15	0.011314	0.95	BDL	0.17	BDL	0.02	0.006555	0.21	BDL	0.05	BDL	0.07	BDL	0.2	BDL	0.41	BDL	0.98	BDL	0.62	BDL	0.33
4/26/2013 10:15	BDL	0.26	0.014049	0.96	BDL	0.17	BDL	0.08	0.006578	0.22	BDL	0.15	BDL	0.22	BDL	0.23	BDL	0.52	BDL	0.98	BDL	0.75	BDL	0.19
4/26/2013 10:16	BDL	0.12	0.013151	0.94	BDL	0.17	BDL	0.07	0.006052	0.21	BDL	0.01	BDL	0.22	BDL	0.1	BDL	0.73	BDL	0.98	BDL	0.55	BDL	0.38
4/26/2013 10:17	BDL	0.12	0.01012	0.92	BDL	0.16	BDL	0.54	0	0.03	BDL	0.09	BDL	0.22	BDL	0.11	BDL	0.45	BDL	0.96	BDL	0.49	BDL	0.4
4/26/2013 10:18	BDL	0.1	0.015811	0.88	BDL	0.16	BDL	0.56	0	0.23	BDL	0.21	BDL	0.13	BDL	0.08	BDL	0.35	BDL	0.9	BDL	0.47	BDL	0.4
4/26/2013 10:19	BDL	0.08	0.012362	0.86	BDL	0.16	BDL	0.56	0	0.14	BDL	0.22	BDL	0.1	BDL	0.04	BDL	0.3	BDL	0.9	BDL	0.63	BDL	0.33
4/26/2013 10:20	BDL	0.12	0.007999	0.64	BDL	0.16	BDL	0.57	0	0.11	BDL	0.23	BDL	0.12	BDL	0.08	BDL	0.3	BDL	0.88	BDL	0.34	BDL	0.38
4/26/2013 10:21	BDL	0.08	0.01662	0.84	BDL	0.16	BDL	0.57	0	0.06	BDL	0.24	BDL	0.09	BDL	0.27	BDL	0.31	BDL	0.91	BDL	0.57	BDL	0.4
4/26/2013 10:22	BDL	0.1	0.015382	0.85	BDL	0.16	BDL	0.6	0	0.05	BDL	0.21	BDL	0.16	BDL	0.21	BDL	0.27	BDL	0.91	BDL	0.52	BDL	0.43
4/26/2013 10:23	BDL	0.09	0.015117	0.92	BDL	0.17	BDL	0.61	0	0.03	BDL	0.23	BDL	0.13	BDL	0.27	BDL	0.46	BDL	0.93	BDL	0.55	BDL	0.43
4/26/2013 10:24	BDL	0.13	0.023935	0.94	BDL	0.17	BDL	0.59	0	0.03	BDL	0.24	BDL	0.26	BDL	0.18	BDL	0.2	BDL	0.94	BDL	0.77	BDL	0.38
4/26/2013 10:25	BDL	0.14	0.016942	0.93	BDL	0.17	BDL	0.58	0.004009	0.07	BDL	0.2	BDL	0.3	BDL	0.29	BDL	0.31	BDL	0.94	BDL	0.62	BDL	0.38
4/26/2013 10:26	BDL	0.09	0.013333	0.88	BDL	0.18	BDL	0.55	0.004722	0.1	BDL	0.16	BDL	0.21	BDL	0.25	BDL	0.38	BDL	0.96	BDL	0.45	BDL	0.54
4/26/2013 10:27	BDL	0.24	0.018533	0.94	BDL	0.17	BDL	0.45	0.006287	0.19	BDL	0.12	BDL	0.38	BDL	0.45	BDL	0.39	BDL	0.97	BDL	0.48	BDL	0.38
4/26/2013 10:28	BDL	0.17	0.030902	0.94	BDL	0.17	BDL	0.59	0.004336	0.09	BDL	0.14	BDL	0.35	BDL	0.27	BDL	0.35	BDL	0.94	BDL	0.61	BDL	0.42
4/26/2013 10:29	BDL	0.07	0.023223	0.93	BDL	0.18	BDL	0.57	0.003644	0.06	BDL	0.26	BDL	0.17	BDL	0.35	BDL	0.47	BDL	0.94	BDL	0.41	BDL	0.43
4/26/2013 10:30	BDL	0.09	0.028767	0.95	BDL	0.17	BDL	0.54	0.00541	0.14	BDL	0.13	BDL	0.2	BDL	0.33	BDL	0.34	BDL	0.96	BDL	0.64	BDL	0.39
4/26/2013 10:31	BDL	0.08	0.032632	0.95	BDL	0.17	BDL	0.57	0.004321	0.09	BDL	0.16	BDL	0.24	BDL	0.24	BDL	0.46	BDL	0.95	BDL	0.62	BDL	0.37
4/26/2013 10:32	BDL	0.14	0.016398	0.9	BDL	0.18	BDL	0.55	0.003515	0.06	BDL	0.16	BDL	0.11	BDL	0.18	BDL	0.39	BDL	0.96	BDL	0.38	BDL	0.36
4/26/2013 10:33	BDL	0.11	0.007316	0.82	BDL	0.17	BDL	0.56	0.004103	0.08	BDL	0.11	BDL	0.13	BDL	0.2	BDL	0.38	BDL	0.96	BDL	0.63	BDL	0.44
4/26/2013 10:34	BDL	0.14	0.012567	0.89	BDL	0.17	BDL	0.58	0.004115	0.09	BDL	0.12	BDL	0.12	BDL	0.21	BDL	0.54	BDL	0.96	BDL	0.63	BDL	0.41
4/26/2013 10:35	BDL	0.1	0.017038	0.94	BDL	0.16	BDL	0.53	0.005521	0.15	BDL	0.02	BDL	0.2	BDL	0.18	BDL	0.31	BDL	0.97	BDL	0.36	BDL	0.41
4/26/2013 10:36	BDL	0.15	0.022359	0.95	BDL	0.16	BDL	0.54	0.004604	0.1	BDL	0.06	BDL	0.05	BDL	0.29	BDL	0.32	BDL	0.97	BDL	0.48	BDL	0.36
4/26/2013 10:37	BDL	0.1	0.022136	0.94	BDL	0.17	BDL	0.58	0.003206	0.05	BDL	0.13	BDL	0.27	BDL	0.16	BDL	0.36	BDL	0.95	BDL	0.54	BDL	0.41
4/26/2013 10:38	BDL	0.12	0.01927	0.94	BDL	0.17	BDL	0.5	0.005112	0.13	BDL	0.08	BDL	0.16	BDL	0.15	BDL	0.31	BDL	0.97	BDL	0.57	BDL	0.36
4/26/2013 10:39	BDL	0.11	0.013186	0.92	BDL	0.18	BDL	0.07	0.006639	0.2	BDL	0.14	BDL	0.13	BDL	0.21	BDL	0.34	BDL	0.98	BDL	0.55	BDL	0.33
4/26/2013 10:40	BDL	0.08	0.020073	0.95	BDL	0.17	BDL	0.3	0.006162	0.17	BDL	0.1	BDL	0.18	BDL	0.27	BDL	0.5	BDL	0.98	BDL	0.35	BDL	0.31
4/26/2013 10:41	BDL	0.1	0.017183	0.95	BDL	0.17	BDL	0.06	0.006778	0.22	BDL	0.04	BDL	0.23	BDL	0.27	BDL	0.58	BDL	0.98	BDL	0.72	BDL	0.32
4/26/2013 10:42	BDL	0.24	0.011602	0.93	BDL	0.17	BDL	0.05	0.006286	0.2	BDL	0.07	BDL	0.05	BDL	0.09	BDL	0.54	BDL	0.98	BDL	0.51	BDL	0.26
4/26/2013 10:43	BDL	0.12	0.011542	0.93	BDL	0.17	BDL	0.36	0.005595	0.18	BDL	0.01	BDL	0.14	BDL	0.22	BDL	0.43	BDL	0.98	BDL	0.66	BDL	0.33
4/26/2013 10:44	BDL	0.11	0.017505	0.95	BDL	0.17	BDL	0.29	0.004788	0.13	BDL	0.02	BDL	0.18	BDL	0.36	BDL	0.5	BDL	0.98	BDL	0.73	BDL	0.47
4/26/2013 10:45	BDL	0.23	0.020924	0.95	BDL	0.18	BDL	0.45	0.00578	0.18	BDL	0.02	BDL	0.2	BDL	0.34	BDL	0.52	BDL	0.98	BDL	0.76	BDL	0.4
4/26/2013 10:46	BDL	0.14	0.0167	0.95	BDL	0.17	BDL	0.25	0.005968	0.17	BDL	0.04	BDL	0.18	BDL	0.33	BDL	0.41	BDL	0.98	BDL	0.63	BDL	0.36
4/26/2013 10:47	BDL	0.16	0.016607	0.96	BDL	0.18	BDL	0.11	0.006517	0.21	BDL	0.1	BDL	0.31	BDL	0.23	BDL	0.52	BDL	0.98	BDL	0.31	BDL	0.26
4/26/2013 10:48	BDL	0.15	0.019185	0.96	BDL	0.17	BDL	0.33	0.007279	0.26	BDL	0.16	BDL	0.26	BDL	0.48	BDL	0.3	BDL	0.96	BDL	0.51	BDL	0.08
4/26/2013 10:49	BDL	0.17	0.017545	0.96	BDL	0.18	BDL	0.43	0.007952	0.35	BDL	0.24	BDL	0.36	BDL	0.23	BDL	0.39	BDL	0.94	BDL	0.53	BDL	0.08
4/26/2013 10:50	BDL	0.16	0.018692	0.96	BDL	0.18	BDL	0.37	0.007839	0.28	BDL	0.21	BDL	0.08	BDL	0.22	BDL	0.64	BDL	0.95	BDL	0.51	BDL	0.12
4/26/2013 10:51	BDL	0.09	0.023934	0.9	BDL	0.17	BDL	0.58	0	0.24	BDL	0.2	BDL	0.13	BDL	0.08	BDL	0.2	BDL	0.9	BDL	0.71	BDL	0.38
4/26/2013 10:52	BDL	0.09	0.034491	0.92	BDL	0.16	BDL	0.57	0	0.19	BDL	0.24	BDL	0.12	BDL	0.04	BDL	0.28	BDL	0.89	BDL	0.77	BDL	0.39
4/26/2013 10:54	BDL	0.16	0.017054	0.81	BDL	0.16	BDL	0.57	0	0.14	BDL	0.24	BDL	0.2	BDL	0.02	BDL	0.27	BDL	0.89	BDL	0.35	BDL	0.38
4/26/2013 10:55	BDL	0.08	0.011171	0.76	BDL	0.15	BDL	0.59	0	0.07	BDL	0.26	BDL	0.13	BDL	0.17	BDL	0.45	BDL	0.9	BDL	0.6	BDL	0.34
4/26/2013 10:56	BDL	0.07	0.014019	0.81	BDL	0.17	BDL	0.6	0	0.05	BDL	0.2	BDL	0.13	BDL	0.07	BDL	0.33	BDL	0.91	BDL	0.73	BDL	0.39
4/26/2013 10:57	BDL	0.09	0.020444	0.89	BDL	0.17	BDL	0.6	0	0.05	BDL	0.19	BDL	0.17	BDL	0.17	BDL	0.4	BDL	0.92	BDL	0.53	BDL	0.43
4/26/2013 10:58	BDL	0.24	0.020164	0.91	BDL	0.18	BDL	0.59	0.00346	0.06	BDL	0.2	BDL	0.31	BDL	0.18	BDL	0.38	BDL	0.94	BDL	0.69	BDL	0.38
4/26/2013 10:59	BDL	0.12	0.016136	0.91	BDL	0.18	BDL	0.53	0.00466	0.11	BDL	0.28	BDL	0.16	BDL	0.31	BDL	0.66	BDL	0.96	BDL	0.74	BDL	0.45
4/26/2013 11:00	BDL	0.09	0.019991	0.95	BDL	0.18	BDL	0.38	0.005243	0.15	BDL	0.17	BDL	0.35	BDL	0.39	BDL	0.42	BDL	0.97	BDL	0.25	BDL	0.43
4/26/2013 11:01	BDL	0.04	0.013226	0.92	BDL	0.18	BDL	0.04	0.007616	0.26	BDL	0.02	BDL	0.36	BDL	0.4	BDL	0.51	BDL	0.97	BDL	0.53	BDL	0.33
4/26/2013 11:02	BDL	0.18	0.00841	0.84	BDL	0.17	BDL	0.1	0.007586	0.28	BDL	0.03	BDL	0.21	BDL	0.27	BDL	0.57	BDL	0.98	BDL	0.6	BDL	0.32
4/26/2013 11:03	BDL	0.06	0.022341	0.95	BDL	0.17	BDL	0.03	0.006907	0.23	BDL	0.04	BDL	0.07	BDL	0.31	BDL	0.47	BDL	0.98	BDL	0.36	BDL	0.25
4/26/2013 11:04	BDL	0.16	0.018901	0.95	BDL	0.16	BDL	0.07	0.006518	0.21	BDL	0.09	BDL	0.15	BDL	0.21	BDL	0.48	BDL	0.98	BDL	0.32	BDL	0.35
4/26/2013 11:05	BDL	0.03	0.012716	0.93	BDL	0.17	BDL	0.28	0.007749	0.32	BDL	0.1	BDL	0.2	BDL	0.25	BDL	0.35	BDL	0.95	BDL	0.4	BDL	0.07
4/26/2013 11:06	BDL	0.19	0.016644	0.94	BDL	0.15	BDL	0.27	0.007133	0.26	BDL	0.03	BDL	0.19	BDL	0.16	BDL	0.25	BDL	0.97	BDL	0.4	BDL	0.28
4/26/2013 11:07	BDL	0.12	0.025783	0.95	BDL	0.17	BDL	0.21	0.006967	0.24	BDL	0	BDL	0.16	BDL	0.29	BDL	0.46	BDL	0.97	BDL	0.41	BDL	0.28
4/26/2013 11:08	BDL	0.13	0.013863	0.91	BDL	0.17	BDL	0.32	0.00893	0.37	BDL	0.03	BDL	0.17	BDL	0.12	BDL	0.38	BDL	0.96	BDL	0.28	BDL	0.27
4/26/2013 11:09	BDL	0.14	0.014459	0.93	BDL	0.17	BDL	0.11	0.007828	0.31	BDL	0.01	BDL	0.21	BDL	0.18	BDL	0.35	BDL	0.97	BDL	0.69	BDL	0.58
4/26/2013 11:10	BDL	0.09	0.028398	0.95	BDL	0.17	BDL	0.13	0.007705	0.27	BDL	0.1	BDL	0.25	BDL	0.04	BDL	0.62	BDL	0.97	BDL	0.62	BDL	0.4
4/26/2013 11:11	BDL	0.11	0.022181	0.96	BDL	0.16	BDL	0.38	0.008036	0.32	BDL	0.03	BDL	0.15	BDL	0.15	BDL	0.22	BDL	0.94	BDL	0.32	BDL	0.28
4/26/2013 11:12	BDL	0.05	0.014959	0.93	BDL	0.16	BDL	0.39	0.008916	0.37	BDL	0.18	BDL	0.49	BDL	0.1	BDL	0.44	BDL	0.88	BDL	0.34	BDL	0.12
4/26/2013 11:13	BDL	0.1	0.026934	0.96	BDL	0.17	BDL	0.25	0.009165	0.33	BDL	0.07	BDL	0.18	BDL	0.05	BDL	0.43	BDL	0.94	BDL	0.36	BDL	0.1

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Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
							Maximum:	0	0.6	0	0.97	0	0.8	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.66	0	0.43	0.010308	0.77	1.262081	0.99	0	0.47	0	0.79	0.026173	0.78	0	0.71	0	0.62	0	0.62	0.162574	0.92	0	0.99	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.038	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/26/2013 11:14	titan10	212	100	111	540	9978.947	Titan1-164	BDL	0.12	BDL	0.91	BDL	0.18	BDL	0.11	BDL	0.4	BDL	0.02	BDL	0.04	BDL	0.35	BDL	0.31	BDL	0.08	BDL	0.09	0.019535	0.93	BDL	0.16	BDL	0.57	0.004897	0.13	BDL	0.15	BDL	0.15	BDL	0.05	BDL	0.38	BDL	0.98	BDL	0.54	BDL	0.34
4/26/2013 11:15	titan10	213	100	111	539	10208.97	Titan1-164	BDL	0.18	BDL	0.91	BDL	0.15	BDL	0.15	BDL	0.4	BDL	0.01	BDL	0.42	BDL	0.4	BDL	0.34	BDL	0.1	BDL	0.08	0.012329	0.76	BDL	0.15	BDL	0.61	0	0.12	BDL	0.21	BDL	0.2	BDL	0.07	BDL	0.36	BDL	0.92	BDL	0.49	BDL	0.41
4/26/2013 11:16	titan10	214	100	111	540	10476.36	Titan1-164	BDL	0.2	BDL	0.91	BDL	0.1	BDL	0.15	BDL	0.4	BDL	0.01	BDL	0.42	BDL	0.38	BDL	0.37	BDL	0.1	BDL	0.12	0.008777	0.62	BDL	0.16	BDL	0.57	0	0.12	BDL	0.22	BDL	0.31	BDL	0.1	BDL	0.32	BDL	0.91	BDL	0.47	BDL	0.39
4/26/2013 11:17	titan10	215	100	111	540	10649.41	Titan1-164	BDL	0.22	BDL	0.91	BDL	0.22	BDL	0.16	BDL	0.2	BDL	0.01	BDL	0.42	BDL	0.35	BDL	0.36	BDL	0.1	BDL	0.15	0.023767	0.86	BDL	0.16	BDL	0.57	0	0.11	BDL	0.25	BDL	0.15	BDL	0.07	BDL	0.36	BDL	0.89	BDL	0.53	BDL	0.39
4/26/2013 11:18	titan10	216	100	111	540	10847.65	Titan1-164	BDL	0.25	BDL	0.91	BDL	0.23	BDL	0.14	BDL	0.2	BDL	0.04	BDL	0.4	BDL	0.38	BDL	0.31	BDL	0.1	BDL	0.19	0.018028	0.78	BDL	0.16	BDL	0.58	0	0.08	BDL	0.25	BDL	0.22	BDL	0.08	BDL	0.26	BDL	0.87	BDL	0.3	BDL	0.38
4/26/2013 11:19	titan10	217	100	111	540	10853.46	Titan1-164	BDL	0.25	BDL	0.91	BDL	0.18	BDL	0.11	BDL	0.3	BDL	0.02	BDL	0.32	BDL	0.42	BDL	0.39	BDL	0.11	BDL	0.09	0.014576	0.78	BDL	0.16	BDL	0.59	0	0.04	BDL	0.26	BDL	0.28	BDL	0.05	BDL	0.35	BDL	0.89	BDL	0.45	BDL	0.4
4/26/2013 11:20	titan10	218	100	111	540	10768.92	Titan1-164	BDL	0.24	BDL	0.92	BDL	0.23	BDL	0.11	BDL	0.2	BDL	0.02	BDL	0.27	BDL	0.4	BDL	0.38	BDL	0.1	BDL	0.12	0.032797	0.94	BDL	0.16	BDL	0.6	0.003374	0.04	BDL	0.23	BDL	0.22	BDL	0.11	BDL	0.42	BDL	0.91	BDL	0.42	BDL	0.35
4/26/2013 11:21	titan10	219	100	111	539	10814.95	Titan1-164	BDL	0.23	BDL	0.91	BDL	0.28	BDL	0.12	BDL	0.1	BDL	0.01	BDL	0.29	BDL	0.51	BDL	0.39	BDL	0.09	BDL	0.08	0.037012	0.93	BDL	0.18	BDL	0.57	0.003289	0.04	BDL	0.28	BDL	0.14	BDL	0.13	BDL	0.36	BDL	0.91	BDL	0.5	BDL	0.44
4/26/2013 11:22	titan10	220	100	111	539	10898.83	Titan1-164	BDL	0.24	BDL	0.93	BDL	0.22	BDL	0.09	BDL	0.2	BDL	0.02	BDL	0.28	BDL	0.41	BDL	0.42	BDL	0.1	BDL	0.07	0.025619	0.89	BDL	0.18	BDL	0.58	0.003498	0.05	BDL	0.28	BDL	0.16	BDL	0.05	BDL	0.39	BDL	0.91	BDL	0.39	BDL	0.42
4/26/2013 11:23	titan10	221	100	111	539	10809.82	Titan1-164	BDL	0.23	BDL	0.92	BDL	0.22	BDL	0.09	BDL	0.3	BDL	0.04	BDL	0.06	BDL	0.32	BDL	0.46	BDL	0.1	BDL	0.1	0.022918	0.9	BDL	0.16	BDL	0.42	0.004864	0.12	BDL	0.25	BDL	0.11	BDL	0.03	BDL	0.34	BDL	0.95	BDL	0.28	BDL	0.45
4/26/2013 11:24	titan10	222	100	111	539	10793.58	Titan1-164	BDL	0.19	BDL	0.93	BDL	0.52	BDL	0.08	BDL	0.3	BDL	0.01	BDL	0.17	BDL	0.29	BDL	0.44	BDL	0.07	BDL	0.16	0.014349	0.78	BDL	0.17	BDL	0.1	0.00606	0.17	BDL	0.22	BDL	0.26	BDL	0.14	BDL	0.35	BDL	0.96	BDL	0.37	BDL	0.41
4/26/2013 11:25	titan10	223	100	111	539	10948.02	Titan1-164	BDL	0.15	BDL	0.93	BDL	0.18	BDL	0.1	BDL	0.9	BDL	0.16	BDL	0.15	BDL	0.3	BDL	0.35	BDL	0.02	BDL	0.08	0.010055	0.33	BDL	0.15	BDL	0.42	0.002654	0.04	BDL	0.31	BDL	0.14	BDL	0.08	BDL	0.32	BDL	0.97	BDL	0.37	BDL	0.37
4/26/2013 11:26	titan10	224	100	111	540	10746.47	Titan1-164	BDL	0.18	BDL	0.9	BDL	0.58	BDL	0.08	BDL	0.7	BDL	0.13	BDL	0.38	BDL	0.34	BDL	0.46	BDL	0.07	BDL	0.11	0.048607	0.89	BDL	0.17	BDL	0.57	0	0.06	BDL	0.34	BDL	0.34	BDL	0.06	BDL	0.31	BDL	0.93	BDL	0.34	BDL	0.38
4/26/2013 11:27	titan10	225	100	111	540	8167.978	Titan1-164	BDL	0.16	BDL	0.93	BDL	0.65	BDL	0.14	BDL	0.8	BDL	0.06	BDL	0.33	BDL	0.32	BDL	0.25	BDL	0.06	BDL	0.12	0.019362	0.68	BDL	0.16	BDL	0.5	0	0.09	BDL	0.33	BDL	0.19	BDL	0.13	BDL	0.37	BDL	0.95	BDL	0.68	BDL	0.34
4/26/2013 11:28	titan10	226	100	111	540	11034.59	Titan1-164	BDL	0.18	BDL	0.94	BDL	0.62	BDL	0.11	BDL	0.8	BDL	0.1	BDL	0.34	BDL	0.4	BDL	0.52	BDL	0.07	BDL	0.1	0.02092	0.74	BDL	0.17	BDL	0.59	0	0.05	BDL	0.38	BDL	0.17	BDL	0.06	BDL	0.28	BDL	0.94	BDL	0.48	BDL	0.41
4/26/2013 11:29	titan10	227	100	111	539	10915.87	Titan1-164	BDL	0.16	BDL	0.93	BDL	0.59	BDL	0.11	BDL	0.8	BDL	0.04	BDL	0.08	BDL	0.35	BDL	0.43	BDL	0.04	BDL	0.09	0.009217	0.48	BDL	0.17	BDL	0.5	0.003772	0.08	BDL	0.37	BDL	0.13	BDL	0.07	BDL	0.32	BDL	0.96	BDL	0.55	BDL	0.36
4/26/2013 11:30	titan10	228	100	111	539	10416.45	Titan1-164	BDL	0.18	BDL	0.93	BDL	0.63	BDL	0.1	BDL	0.5	BDL	0.04	BDL	0.16	BDL	0.32	BDL	0.39	BDL	0.08	BDL	0.14	0.018843	0.82	BDL	0.17	BDL	0.53	0.003726	0.07	BDL	0.28	BDL	0.18	BDL	0.16	BDL	0.3	BDL	0.96	BDL	0.31	BDL	0.37
4/26/2013 11:31	titan10	229	100	111	538	6556.448	Titan1-164	BDL	0.17	BDL	0.91	BDL	0.54	BDL	0.14	BDL	0.6	BDL	0.11	BDL	0.24	BDL	0.3	BDL	0.2	BDL	0.09	BDL	0.12	0.033499	0.87	BDL	0.17	BDL	0.49	0	0.04	BDL	0.3	BDL	0.18	BDL	0.08	BDL	0.26	BDL	0.94	BDL	0.42	BDL	0.36
4/26/2013 11:32	titan10	230	100	111	539	10629.87	Titan1-164	BDL	0.16	BDL	0.94	BDL	0.62	BDL	0.14	BDL	0.5	BDL	0.03	BDL	0.04	BDL	0.29	BDL	0.43	BDL	0.06	BDL	0.11	0.018781	0.81	BDL	0.17	BDL	0.44	0.004978	0.15	BDL	0.33	BDL	0.18	BDL	0.15	BDL	0.3	BDL	0.97	BDL	0.51	BDL	0.37
4/26/2013 11:33	titan10	231	100	111	540	10285.71	Titan1-164	BDL	0.14	BDL	0.94	BDL	0.67	BDL	0.12	BDL	0.3	BDL	0.02	BDL	0.14	BDL	0.29	BDL	0.41	BDL	0.04	BDL	0.18	0.024479	0.86	BDL	0.16	BDL	0.17	0.004472	0.13	BDL	0.29	BDL	0.2	BDL	0.16	BDL	0.23	BDL	0.97	BDL	0.57	BDL	0.37
4/26/2013 11:34	titan10	232	100	111	540	11086.2	Titan1-164	BDL	0.18	BDL	0.94	BDL	0.59	BDL	0.14	BDL	0.6	BDL	0.03	BDL	0.14	BDL	0.34	BDL	0.37	BDL	0.1	BDL	0.13	0.022692	0.83	BDL	0.16	BDL	0.56	0.002894	0.05	BDL	0.29	BDL	0.26	BDL	0.18	BDL	0.38	BDL	0.95	BDL	0.41	BDL	0.37
4/26/2013 11:35	titan10	233	100	111	539	11121.12	Titan1-164	BDL	0.2	BDL	0.95	BDL	0.74	BDL	0.13	BDL	0.6	BDL	0.18	BDL	0.34	BDL	0.37	BDL	0.47	BDL	0.08	BDL	0.1	0.014527	0.7	BDL	0.17	BDL	0.62	0	0.06	BDL	0.27	BDL	0.19	BDL	0.07	BDL	0.25	BDL	0.93	BDL	0.74	BDL	0.36
4/26/2013 11:36	titan10	234	100	111	539	11146.07	Titan1-164	BDL	0.2	BDL	0.95	BDL	0.64	BDL	0.1	BDL	0.5	BDL	0.1	BDL	0.39	BDL	0.37	BDL	0.46	BDL	0.08	BDL	0.11	0.030955	0.86	BDL	0.16	BDL	0.61	0	0.2	BDL	0.23	BDL	0.21	BDL	0.18	BDL	0.24	BDL	0.92	BDL	0.45	BDL	0.39
4/26/2013 11:37	titan10	235	100	111	540	10795.93	Titan1-164	BDL	0.22	BDL	0.94	BDL	0.6	BDL	0.13	BDL	0.3	BDL	0.06	BDL	0.43	BDL	0.41	BDL	0.37	BDL	0.09	BDL	0.1	0.025779	0.8	BDL	0.16	BDL	0.57	0	0.21	BDL	0.25	BDL	0.27	BDL	0.13	BDL	0.3	BDL	0.89	BDL	0.4	BDL	0.35
4/26/2013 11:38	titan10	236	100	111	540	10871.15	Titan1-164	BDL	0.24	BDL	0.94	BDL	0.62	BDL	0.14	BDL	0.2	BDL	0.02	BDL	0.42	BDL	0.46	BDL	0.36	BDL	0.1	BDL	0.15	0.02729	0.85	BDL	0.16	BDL	0.56	0	0.16	BDL	0.25	BDL	0.23	BDL	0.06	BDL	0.32	BDL	0.88	BDL	0.33	BDL	0.34
4/26/2013 11:39	titan10	237	100	111	540	11257.55	Titan1-164	BDL	0.25	BDL	0.92	BDL	0.51	BDL	0.13	BDL	0.1	BDL	0.01	BDL	0.43	BDL	0.46	BDL	0.32	BDL	0.1	BDL	0.11	0.072374	0.96	BDL	0.16	BDL	0.59	0	0.17	BDL	0.25	BDL	0.13	BDL	0.17	BDL	0.27	BDL	0.86	BDL	0.56	BDL	0.35
4/26/2013 11:40	titan10	238	100	111	539	11924.81	Titan1-164	BDL	0.25	BDL	0.93	BDL	0.53	BDL	0.13	BDL	0.4	BDL	0.02	BDL	0.44	BDL	0.41	BDL	0.44	BDL	0.1	BDL	0.19	0.058482	0.94	BDL	0.17	BDL	0.58	0	0.27	BDL	0.26	BDL	0.14	BDL	0.25	BDL	0.26	BDL	0.85	BDL	0.28	BDL	0.36
4/26/2013 11:41	titan10	239	100	111	539	11890.15	Titan1-164	BDL	0.26	BDL	0.93	BDL	0.58	BDL	0.12	BDL	0.2	BDL	0.03	BDL	0.38	BDL	0.48	BDL	0.41	BDL	0.09	BDL	0.19	0.052492	0.95	BDL	0.17	BDL	0.59	0	0.11	BDL	0.25	BDL	0.18	BDL	0.08	BDL	0.37	BDL	0.86	BDL	0.43	BDL	0.37
4/26/2013 11:42	titan10	240	100	111	537	11741.74	Titan1-164	BDL	0.26	BDL	0.93	BDL	0.63	BDL	0.1	BDL	0.1	BDL	0.04	BDL	0.25	BDL	0.37	BDL	0.44	BDL	0.1	BDL	0.18	0.026743	0.91	BDL	0.18	BDL	0.61	0	0.03	BDL	0.29	BDL	0.25	BDL	0.04	BDL	0.34	BDL	0.89	BDL	0.48	BDL	0.37
4/26/2013 11:43	titan10	241	100	111	537	10039.26	Titan1-164	BDL	0.26	BDL	0.93	BDL	0.66	BDL	0.1	BDL	0.1	BDL	0.04	BDL	0.3	BDL	0.45	BDL	0.45	BDL	0.09	BDL	0.19	0.053192	0.94	BDL	0.18	BDL	0.59	0	0.04	BDL	0.31	BDL	0.2	BDL	0.07	BDL	0.28	BDL	0.88	BDL	0.68	BDL	0.35
4/26/2013 11:44	titan10	242	100	111	537	11419.69	Titan1-164	BDL	0.25	BDL	0.93	BDL	0.49	BDL	0.09	BDL	0.1	BDL	0.01	BDL	0.3	BDL	0.42	BDL	0.43	BDL	0.08	BDL	0.2	0.046983	0.94	BDL	0.18	BDL	0.61	0	0.06	BDL	0.3	BDL	0.12	BDL	0.05	BDL	0.38	BDL	0.89	BDL	0.72	BDL	0.38
4/26/2013 11:46	titan10	243	100	111	537	11695.12	Titan1-164	BDL	0.26	BDL	0.93	BDL	0.57	BDL	0.12	BDL	0.1	BDL	0.04	BDL	0.21	BDL	0.32	BDL	0.54	BDL	0.07	0.002904	0.44	0.035283	0.95	BDL	0.17	BDL	0.32	0.004323	0.09	BDL	0.27	BDL	0.02	BDL	0.07	BDL	0.54	BDL	0.93	BDL	0.72	BDL	0.39
4/26/2013 11:47	titan10	244	100	111	537	11658.11	Titan1-164	BDL	0.25	BDL	0.93	BDL	0.5	BDL	0.1	BDL	0.1	BDL	0.04	BDL	0.2	BDL	0.33	BDL	0.48	BDL	0.09	0.002497	0.3	0.042441	0.97	BDL	0.16	BDL	0.29	0.004001	0.09	BDL	0.35	BDL	0.37	BDL	0.02	BDL	0.41	BDL	0.93	BDL	0.36	BDL	0.54
4/26/2013 11:48	titan10	245	100	111	537	11744.16	Titan1-164	BDL	0.24	BDL	0.94	BDL	0.63	BDL	0.1	BDL	0	BDL	0.03	BDL	0.18	BDL	0.29	BDL	0.57	BDL	0.11	0.002658	0.33	0.031363	0.94	BDL	0.17	BDL	0.31	0.00364	0.08	BDL	0.39	BDL	0.38	BDL	0.06	BDL	0.51	BDL	0.94	BDL	0.39	BDL	0.42
4/26/2013 11:49	titan10	246	100	111	537	11677.69	Titan1-164	BDL	0.23	BDL	0.93	BDL	0.55	BDL	0.12	BDL	0.1	BDL	0.01	BDL	0.07	BDL	0.28	BDL	0.11	BDL	0.11	0.002642	0.22	0.042225	0.95	BDL	0.18	BDL	0.47	0.004167	0.09	BDL	0.29	BDL	0.21	BDL	0.07	BDL	0.28	BDL	0.93	BDL	0.39	BDL	0.46
4/26/2013 11:50	titan10	247	100	111	537	11706.61	Titan1-164	BDL	0.23	BDL	0.94	BDL	0.6	BDL	0.13	BDL	0	BDL	0.02	BDL	0.2	BDL	0.34	BDL	0.58	BDL	0.05	0.00211	0.19	0.035149	0.94	BDL	0.16	BDL	0.33	0.004509	0.12	BDL	0.21	BDL	0.35	BDL	0.17	BDL	0.43	BDL	0.94	BDL	0.51	BDL	0.36
4/26/2013 11:51	titan10	248	100	111	537	9518.989	Titan1-164	BDL	0.22	BDL	0.93	BDL	0.54	BDL	0.11	BDL	0	BDL	0.03	BDL	0.22	BDL	0.32	BDL	0.52	BDL	0.08	0.00235	0.26	0.049137	0.96	BDL	0.18	BDL	0.16	0.003639	0.08	BDL	0.22	BDL	0.16	BDL	0.08	BDL	0.39	BDL	0.95	BDL	0.82	BDL	0.33
4/26/2013 11:52	titan10	249	100	111	537	8967.247	Titan1-164	BDL	0.22	BDL	0.92	BDL	0.24	BDL	0.15	BDL	0.2	BDL	0.01	BDL	0.3	BDL	0.42	BDL	0.57	BDL	0.09	0.001827	0.36	0.013913	0.85	BDL	0.18	BDL	0.05	0.005293	0.16	BDL	0.06	BDL	0.03	BDL	0.11	BDL	0.2	BDL	0.95	BDL	0.64	BDL	0.31
4/26/2013 11:53	titan10	250	100	111	537	11609.59	Titan1-164	BDL	0.22	BDL	0.93	BDL	0.28	BDL	0.08	BDL	0.1	BDL	0.02	BDL	0.23	BDL	0.36	BDL	0.55	BDL	0.06	0.001959	0.27	0.026346	0.93	BDL	0.17	BDL	0.18	0.005505	0.14	BDL	0.19	BDL	0.18	BDL	0.1	BDL	0.39	BDL	0.95	BDL	0.5	BDL	0.33
4/26/2013 11:54	titan10	251	100	111	537	11675	Titan1-164	BDL	0.22	BDL	0.93	BDL	0.26	BDL	0.1	BDL	0.1	BDL	0.02	BDL	0.03	BDL	0.45	BDL	0.34	BDL	0.11	0.001709	0.16	0.028075	0.92	BDL	0.16	BDL	0.59	0.003233	0.06	BDL	0.18	BDL	0.27	BDL	0.35	BDL	0.34	BDL	0.94	BDL	0.62	BDL	0.4
4/26/2013 11:55	titan10	252	100	111	537	10959.93	Titan1-164	BDL	0.22	BDL	0.93	BDL	0.34	BDL	0.09	BDL	0	BDL	0	BDL	0.1	BDL	0.39	BDL	0.39	BDL	0.1	BDL	0.13	0.037274	0.95	BDL	0.17	BDL	0.56	0.003348	0.05	BDL	0.23	BDL	0.39	BDL	0.12	BDL	0.25	BDL	0.93	BDL	0.54	BDL	0.35
4/26/2013 11:56	titan10	253	100	111	537	11649.58	Titan1-164	BDL	0.23	BDL	0.92	BDL	0.31	BDL	0.16	BDL	0.1	BDL	0.01	BDL	0.4	BDL	0.47	BDL	0.45	BDL	0.09	BDL	0.09	0.062205	0.95	BDL	0.15	BDL	0.61	0	0.3	BDL	0.24	BDL	0.13	BDL	0.15	BDL	0.33	BDL	0.88	BDL	0.57	BDL	0.4
4/26/2013 11:57	titan10	254	100	111	537	11521.67	Titan1-164	BDL	0.24	BDL	0.94	BDL	0.49	BDL	0.09	BDL	0	BDL	0	BDL	0.39	BDL	0.34	BDL	0.51	BDL	0.09	BDL	0.13	0.042411	0.93	BDL	0.16	BDL	0.6	0	0.12	BDL	0.27	BDL	0.11	BDL	0.22	BDL	0.28	BDL	0.88	BDL	0.55	BDL	0.41
4/26/2013 11:58	titan10	255	100	111	537	6496.813	Titan1-164	BDL	0.22	BDL	0.9	BDL	0.45	BDL	0.1	BDL	0.1	BDL	0.01	BDL	0.36	BDL	0.49	BDL	0.27	BDL	0.1	BDL	0.12	0.024403	0.88	BDL	0.14	BDL	0.61	0	0.13	BDL	0.24	BDL	0.2	BDL	0.08	BDL	0.26	BDL	0.89	BDL	0.61	BDL	0.41
4/26/2013 11:59	titan10	256	100	111	537	6789.969	Titan1-164	BDL	0.21	BDL	0.84	BDL	0.36	BDL	0.11	BDL	0	BDL	0.02	BDL	0.25	BDL	0.57	BDL	0.21	BDL	0.09	BDL	0.07	0.034637	0.93	BDL	0.16	BDL	0.6	0	0.28	BDL	0.3	BDL	0.15	BDL	0.03	BDL	0.43	BDL	0.88	BDL	0.78	BDL	0.32
4/26/2013 12:00	titan10	257	100	111	537	7892.096	Titan1-164	BDL	0.24	BDL	0.65	BDL	0.31	BDL	0.09	BDL	0	BDL	0.07	BDL	0.31	BDL	0.47	BDL	0.2	BDL	0.1	BDL	0.07	0.090972	0.97	BDL	0.17	BDL	0.6	0	0.37	BDL	0.28	BDL	0.28	BDL	0.08	BDL	0.41	BDL	0.83	BDL	0.62	BDL	0.42
4/26/2013 12:01	titan10	258	100	111	537	8464.658	Titan1-164	BDL	0.23	BDL	0.73	BDL	0.36	BDL	0.1	BDL	0	BDL	0.04	BDL	0.33	BDL	0.46	BDL	0.19	BDL	0.09	BDL	0.15	0.033072	0.91	BDL	0.17	BDL	0.6	0	0.34	BDL	0.28	BDL	0.32	BDL	0.22	BDL	0.43	BDL	0.84	BDL	0.36	BDL	0.39
4/26/2013 12:02	titan10	259	100	111	537	8309.744	Titan1-164	BDL	0.23	BDL	0.8	BDL	0.31	BDL	0.1	BDL	0.1	BDL	0.01	BDL	0.24	BDL	0.46	BDL	0.26	BDL	0.12	BDL	0.04	0.050643	0.96	BDL	0.16	BDL	0.64	0	0.33	BDL	0.21	BDL	0.45	BDL	0.05	BDL	0.4	BDL	0.87	BDL	0.64	BDL	0.26
4/26/2013 12:03	titan10	260	100	111	537	8006.858	Titan1-164	BDL	0.21	BDL	0.72	BDL	0.44	BDL	0.1	BDL	0	BDL	0.02	BDL	0.21	BDL	0.45	BDL	0.22	BDL	0.11	BDL	0.08	0.065243	0.97	BDL	0.17	BDL	0.64	0	0.31	BDL	0.24	BDL	0.31	BDL	0.08	BDL	0.38	BDL	0.87	BDL	0.68	BDL	0.26
4/26/2013 12:04	titan10	261	100	111	537	8037.347	Titan1-164	BDL	0.16	BDL	0.52	BDL	0.64	BDL	0.12	BDL	0.8	BDL	0.2	BDL	0.16	BDL	0.53	BDL	0.15	BDL	0.06	BDL	0.13	0.032576	0.85	BDL	0.16	BDL	0.43	0	0.22	BDL	0.26	BDL	0.44	BDL	0.02	BDL	0.34	BDL	0.92	BDL	0.79	BDL	0.01
4/26/2013 12:05	titan10	262	100	111	537	7819.127	Titan1-164	BDL	0.2	BDL	0.67	BDL	0.59	BDL	0.09	BDL	0.5	BDL	0.08	BDL	0.03	BDL	0.45	BDL	0.28	BDL	0.07	BDL	0.12	0.036942	0.91	BDL	0.15	BDL	0.51	0	0.15	BDL	0.28	BDL	0.19	BDL	0.11	BDL	0.27	BDL	0.89	BDL	0.68	BDL	0.11
4/26/2013 12:06	titan10	263	100	111	537	7543.662	Titan1-164	BDL	0.19	BDL	0.54	BDL	0.6	BDL	0.08	BDL	0.6	BDL	0.05	BDL	0.2	BDL	0.51	BDL	0.15	BDL	0.08	BDL	0.14	0.065193	0.95	BDL	0.16	BDL	0.6	0	0.24	BDL	0.21	BDL	0.12	BDL	0.03	BDL	0.39	BDL	0.9	BDL	0.67	BDL	0.25
4/26/2013 12:07	titan10	264	100	111	537	7559.347	Titan1-164	BDL	0.19	BDL	0.76	BDL	0.58	BDL	0.09	BDL	0	BDL	0.13	BDL	0.08	BDL	0.47	BDL	0.29	BDL	0.07	BDL	0.25	0.06063	0.97	BDL	0.18	BDL	0.5	0	0.05	BDL	0.09	BDL	0.25	BDL	0.33	BDL	0.2	BDL	0.91	BDL	0.76	BDL	0.13
4/26/2013 12:08	titan10	265	100	111	537	7342.125	Titan1-164	BDL	0.2	BDL	0.63	BDL	0.56	BDL	0.13	BDL	0.1	BDL	0.02	BDL	0.19	BDL	0.41	BDL	0.18	BDL	0.07	BDL	0.11	0.087017	0.98	BDL	0.16	BDL	0.38	0.004342	0.07	BDL	0.15	BDL	0.25	BDL	0.18	BDL	0.35	BDL	0.91	BDL	0.63	BDL	0.16
4/26/2013 12:09	titan10	266	100	111	537	6571.37	Titan1-164	BDL	0.2	BDL	0.71	BDL	0.61	BDL	0.08	BDL	0	BDL	0.01	BDL	0.34	BDL	0.3	BDL	0.21	BDL	0.02	BDL	0.13	0.044082	0.96	BDL	0.19	BDL	0.05	0.006634	0.17	BDL	0.1	BDL	0.09	BDL	0.17	BDL	0.39	BDL	0.91	BDL	0.68	BDL	0.11
4/26/2013 12:10	titan10	267	100	111	537	6700.36	Titan1-164	BDL	0.18	BDL	0.79	BDL	0.59	BDL	0.11	BDL	0.2	BDL	0.07	BDL	0.43	BDL	0.24	BDL	0.24	BDL	0.08	BDL	0.07	0.020767	0.92	BDL	0.18	BDL	0.1	0.00619	0.15	BDL	0.05	BDL	0.11	BDL	0.14	BDL	0.1	BDL	0.88	BDL	0.31	BDL	0.25
4/26/2013 12:11	titan10	268	100	111	536	6663.733	Titan1-164	BDL	0.19	BDL	0.82	BDL	0.31	BDL	0.1	BDL	0.3	BDL	0.06	BDL	0.37	BDL	0.39	BDL	0.21	BDL	0.02	BDL	0.08	0.032591	0.96	BDL	0.18	BDL	0.11	0.004108	0.08	BDL	0.2	BDL	0.01	BDL	0.05	BDL	0.12	BDL	0.93	BDL	0.64	BDL	0.06
4/26/2013 12:12	titan10	269	100	111	537	6677.789	Titan1-164	BDL	0.23	BDL	0.75	BDL	0.29	BDL	0.1	BDL	0.3	BDL	0.06	BDL	0.22	BDL	0.34	BDL	0.21	BDL	0.04	BDL	0.04	0.040275	0.95	BDL	0.18	BDL	0.42	0.003521	0.05	BDL	0.24	BDL	0.1	BDL	0.11	BDL	0.45	BDL	0.91	BDL	0.41	BDL	0.04
4/26/2013 12:13	titan10	270	100	111	537	6740.622	Titan1-164	BDL	0.22	BDL	0.75	BDL	0.45	BDL	0.1	BDL	0.3	BDL	0.03	BDL	0.03	BDL	0.4	BDL	0.22	BDL	0.05	BDL	0.08	0.03479	0.95	BDL	0.17	BDL	0.6	0.003164	0.04	BDL	0.2	BDL	0.16	BDL	0.07	BDL	0.48	BDL	0.9	BDL	0.55	BDL	0.17
4/26/2013 12:14	titan10	271	100	111	537	6955.105	Titan1-164	BDL	0.21	BDL	0.64	BDL	0.48	BDL	0.12	BDL	0	BDL	0.05	BDL	0.32	BDL	0.44	BDL	0.18	BDL	0.07	BDL	0.09	0.076969	0.96	BDL	0.17	BDL	0.63	0	0.2	BDL	0.25	BDL	0.1	BDL	0.09	BDL	0.31	BDL	0.88	BDL	0.57	BDL	0.37
4/26/2013 12:15	titan10	272	100	111	537	3902.308	Titan1-164	BDL	0.23	BDL	0.57	BDL	0.36	BDL	0.12	BDL	0	BDL	0.19	BDL	0.39	BDL	0.48	BDL	0.08	BDL	0.09	BDL	0.12	0.065108	0.94	BDL	0.17	BDL	0.58	0	0.25	BDL	0.23	BDL	0.22	BDL	0.11	BDL	0.42	BDL	0.83	BDL	0.64	BDL	0.4
4/26/2013 12:16	titan10	273	100	111	536	7157.59	Titan1-164	BDL	0.22	BDL	0.89	BDL	0.27	BDL	0.11	BDL	0.2	BDL	0.05	BDL	0.31	BDL	0.55	BDL	0.29	BDL	0.08	0.002372	0.31	0.051159	0.96	BDL	0.17	BDL	0.62	0	0.26	BDL	0.2	BDL	0.18	BDL	0.07	BDL	0.43	BDL	0.89	BDL	0.69	BDL	0.36
4/26/2013 12:17	titan10	274	100	111	537	7996.957	Titan1-164	BDL	0.21	BDL	0.84	BDL	0.27	BDL	0.12	BDL	0.2	BDL	0.01	BDL	0.32	BDL	0.42	BDL	0.23	BDL	0.09	0.002201	0.11	0.037241	0.94	BDL	0.17	BDL	0.59	0	0.3	BDL	0.22	BDL	0.14	BDL	0.1	BDL	0.39	BDL	0.86	BDL	0.55	BDL	0.38
4/26/2013 12:18	titan10	275	100	111	536	8458.132	Titan1-164	BDL	0.22	BDL	0.83	BDL	0.3	BDL	0.09	BDL	0.1	BDL	0.04	BDL	0.37	BDL	0.49	BDL	0.29	BDL	0.1	BDL	0.07	0.04462	0.97	BDL	0.17	BDL	0.56	0	0.27	BDL	0.28	BDL	0.16	BDL	0.2	BDL	0.37	BDL	0.86	BDL	0.31	BDL	0.4
4/26/2013 12:19	titan10	276	100	111	537	8999.955	Titan1-164	BDL	0.2	BDL	0.87	BDL	0.26	BDL	0.09	BDL	0.2	BDL	0.01	BDL	0.4	BDL	0.6	BDL	0.34	BDL	0.1	BDL	0.06	0.02413	0.93	BDL	0.16	BDL	0.59	0	0.21	BDL	0.23	BDL	0.12	BDL	0.1	BDL	0.37	BDL	0.89	BDL	0.68	BDL	0.4
4/26/2013 12:20	titan10	277	100	111	536	8473.059	Titan1-164	BDL	0.22	BDL	0.8	BDL	0.27	BDL	0.12	BDL	0.1	BDL	0.02	BDL	0.35	BDL	0.44	BDL	0.39	BDL	0.1	BDL	0.04	0.066993	0.98	BDL	0.17	BDL	0.58	0	0.28	BDL	0.25	BDL	0.27	BDL	0.16	BDL	0.43	BDL	0.86	BDL	0.61	BDL	0.44
4/26/2013 12:21	titan10	278	100	111	537	9461.948	Titan1-164	BDL	0.21	BDL	0.85	BDL	0.26	BDL	0.09	BDL	0.2	BDL	0.06	BDL	0.37	BDL	0.4	BDL	0.54	BDL	0.11	BDL	0.06	0.037644	0.97	BDL	0.18	BDL	0.58	0	0.19	BDL	0.17	BDL	0.16	BDL	0.27	BDL	0.37	BDL	0.89	BDL	0.54	BDL	0.45
4/26/2013 12:22	titan10	279	100	111	537	9917.254	Titan1-164	BDL	0.2	BDL	0.9	BDL	0.3	BDL	0.1	BDL	0	BDL	0.02	BDL	0.3	BDL	0.43	BDL	0.02	BDL	0.1	BDL	0.07	0.061516	0.97	BDL	0.15	BDL	0.62	0	0.26	BDL	0.23	BDL	0.22	BDL	0.28	BDL	0.25	BDL	0.9	BDL	0.82	BDL	0.28
4/26/2013 12:23	titan10	280	100	111	537	9387.961	Titan1-164	BDL	0.21	BDL	0.85	BDL	0.3	BDL	0.11	BDL	0.1	BDL	0.03	BDL	0.36	BDL	0.59	BDL	0.48	BDL	0.07	BDL	0.06	0.053079	0.95	BDL	0.17	BDL	0.6	0	0.41	BDL	0.21	BDL	0.22	BDL	0.25	BDL	0.31	BDL	0.87	BDL	0.69	BDL	0.31
4/26/2013 12:24	titan10	281	100	111	536	9255.776	Titan1-164	BDL	0.2	BDL	0.71	BDL	0.42	BDL	0.19	BDL	0	BDL	0.05	BDL	0.29	BDL	0.54	BDL	0.4	BDL	0.06	BDL	0.1	0.06762	0.97	BDL	0.15	BDL	0.61	0	0.26	BDL	0.26	BDL	0.2	BDL	0.18	BDL	0.19	BDL	0.88	BDL	0.72	BDL	0.28
4/26/2013 12:25	titan10	282	100	111	536	9127.934	Titan1-164	BDL	0.18	BDL	0.81	BDL	0.57	BDL	0.07	BDL	0	BDL	0.18	BDL	0.35	BDL	0.58	BDL	0.31	BDL	0.07	BDL	0.08	0.060386	0.97	BDL	0.16	BDL	0.6	0	0.31	BDL	0.24	BDL	0.16	BDL	0.16	BDL	0.32	BDL	0.92	BDL	0.68	BDL	0.26
4/26/2013 12:26	titan10	283	100	111	537	9901.867	Titan1-164	BDL	0.15	BDL	0.82	BDL	0.28	BDL	0.11	BDL	0.1	BDL	0.11	BDL	0.31	BDL	0.53	BDL	0.33	BDL	0.08	BDL	0.14	0.055872	0.97	BDL	0.16	BDL	0.61	0	0.17	BDL	0.26	BDL	0.22	BDL	0.1	BDL	0.3	BDL	0.94	BDL	0.74	BDL	0.31
4/26/2013 12:27	titan10	284	100	111	537	10539.06	Titan1-164	BDL	0.19	BDL	0.84	BDL	0.27	BDL	0.14	BDL	0.2	BDL	0.04	BDL	0.35	BDL	0.56	BDL	0.34	BDL	0.09	BDL	0.11	0.051642	0.97	BDL	0.17	BDL	0.63	0	0.15	BDL	0.22	BDL	0.22	BDL	0.06	BDL	0.2	BDL	0.93	BDL	0.5	BDL	0.42
4/26/2013 12:28	titan10	285	100	111	537	9796.6	Titan1-164	BDL	0.14	BDL	0.73	BDL	0.28	BDL	0.14	BDL	0.1	BDL	0.02	BDL	0.31	BDL	0.55	BDL	0.2	BDL	0.09	BDL	0.04	0.071182	0.98	BDL	0.17	BDL	0.62	0	0.12	BDL	0.2	BDL	0.1	BDL	0.05	BDL	0.29	BDL	0.95	BDL	0.45	BDL	0.24
4/26/2013 12:29	titan10	286	100	111	537	9825.496	Titan1-164	BDL	0.15	BDL	0.74	BDL	0.29	BDL	0.14	BDL	0.1	BDL	0.07	BDL	0.25	BDL	0.53	BDL	0.18	BDL	0.07	BDL	0.08	0.068894	0.98	BDL	0.17	BDL	0.64	0	0.07	BDL	0.17	BDL	0.11	BDL	0.1	BDL	0.35	BDL	0.96	BDL	0.73	BDL	0.27
4/26/2013 12:30	titan10	287	100	111	537	9325.209	Titan1-164	BDL	0.14	BDL	0.76	BDL	0.28	BDL	0.17	BDL	0.2	BDL	0.08	BDL	0.06	BDL	0.55	BDL	0.13	BDL	0.06	BDL	0.08	0.044832	0.98	BDL	0.17	BDL	0.5	0	0.04	BDL	0.12	BDL	0.28	BDL	0.13	BDL	0.31	BDL	0.97	BDL	0.74	BDL	0.15
4/26/2013 12:31	titan10	288	100	111	537	8712.124	Titan1-164	BDL	0.15	BDL	0.74	BDL	0.29	BDL	0.15	BDL	0.3	BDL	0.06	BDL	0.02	BDL	0.46	BDL	0.17	BDL	0.04	BDL	0.1	0.0353	0.95	BDL	0.17	BDL	0.49	0.00346	0.06	BDL	0.17	BDL	0.12	BDL	0.11	BDL	0.18	BDL	0.96	BDL	0.64	BDL	0.17
4/26/2013 12:33	titan10	289	100	111	537	8392.7	Titan1-164	BDL	0.16	BDL	0.65	BDL	0.54	BDL	0.16	BDL	0.1	BDL	0.11	BDL	0.12	BDL	0.5	BDL	0.15	BDL	0.06	BDL	0.13	0.0552	0.97	BDL	0.16	BDL	0.58	0	0.12	BDL	0.18	BDL	0.24	BDL	0.1	BDL	0.3	BDL	0.96	BDL	0.59	BDL	0.16
4/26/2013 12:34	titan10	290	100	111	537	4685.754	Titan1-164	BDL	0.2	BDL	0.21	BDL	0.36	BDL	0.15	BDL	0	BDL	0.09	BDL	0.07	BDL	0.52	BDL	0.09	BDL	0.04	BDL	0.13	0.06282	0.95	BDL	0.17	BDL	0.46	0	0.18	BDL	0.23	BDL	0.12	BDL	0.08	BDL	0.56	BDL	0.89	BDL	0.82	BDL	0.23
4/26/2013 12:35	titan10	291	100	111	537	7629.807	Titan1-164	BDL	0.2	BDL	0.02	BDL	0.62	BDL	0.13	BDL	0.5	BDL	0.26	BDL	0.04	BDL	0.46	BDL	0.07	BDL	0.05	BDL	0.1	0.049895	0.93	BDL	0.17	BDL	0.61	0	0.09	BDL	0.25	BDL	0.11	BDL	0.15	0.002701	0.19	BDL	0.91	BDL	0.43	BDL	0.21
4/26/2013 12:36	titan10	292	100	111	537	7950.561	Titan1-164	BDL	0.18	BDL	0.16	BDL	0.52	BDL	0.18	BDL	0.1	BDL	0.02	BDL	0.01	BDL	0.42	BDL	0.09	BDL	0.06	BDL	0.14	0.053003	0.95	BDL	0.17	BDL	0.61	0	0.11	BDL	0.21	BDL	0.1	BDL	0.1	0.003981	0.45	BDL	0.93	BDL	0.62	BDL	0.22
4/26/2013 12:37	titan10	293	100	111	536	6624.137	Titan1-164	BDL	0.24	BDL	0.76	BDL	0.24	BDL	0.05	BDL	0.7	BDL	0.15	BDL	0.84	BDL	0.15	BDL	0.08	BDL	0.05	BDL	0.01	0.025845	0.87	BDL	0.33	BDL	0.11	0	0.53	BDL	0.2	BDL	0.16	BDL	0.2	0.162574	0.91	BDL	0.84	BDL	0.66	BDL	0.09
4/26/2013 12:38	titan10	294	100	111	536	6924.661	Titan1-164	BDL	0.21	BDL	0.29	BDL	0.16	BDL	0.13	BDL	0.7	BDL	0.19	BDL	0.5	BDL	0.42	BDL	0.06	BDL	0.02	BDL	0.11	0.040797	0.92	BDL	0.16	BDL	0.14	0	0.31	BDL	0.24	BDL	0.28	BDL	0.07	0.054422	0.88	BDL	0.9	BDL	0.63	BDL	0.25
4/26/2013 12:39	titan10	295	100	111	537	7209.949	Titan1-164	BDL	0.24	BDL	0.06	BDL	0.13	BDL	0.11	BDL	0.7	BDL	0.38	BDL	0.05	BDL	0.61	BDL	0.06	BDL	0.08	BDL	0.11	0.075594	0.95	BDL	0.18	BDL	0.58	0	0.49	BDL	0.28	BDL	0.18	BDL	0.13	0.036718	0.83	BDL	0.85	BDL	0.52	BDL	0.33
4/26/2013 12:40	titan10	296	100	111	537	7806.561	Titan1-164	BDL	0.2	BDL	0.68	BDL	0.24	BDL	0.08	BDL	0.7	BDL	0.14	BDL	0.8	BDL	0.55	BDL	0.07	BDL	0.04	BDL	0.04	0.036734	0.91	BDL	0.17	BDL	0.09	0	0.56	BDL	0.16	BDL	0.15	BDL	0.13	0.142987	0.92	BDL	0.89	BDL	0.63	BDL	0.13
4/26/2013 12:41	titan10	297	100	111	536	9107.069	Titan1-164	BDL	0.17	BDL	0.45	BDL	0.18	BDL	0.11	BDL	0.7	BDL	0.22	BDL	0.47	BDL	0.54	BDL	0.05	BDL	0.02	BDL	0.1	0.065768	0.95	BDL	0.18	BDL	0.04	0	0.62	BDL	0.26	BDL	0.22	BDL	0.17	0.079264	0.92	BDL	0.92	BDL	0.44	BDL	0.31
4/26/2013 12:42	titan10	298	100	111	537	9506.461	Titan1-164	BDL	0.16	BDL	0.29	BDL	0.12	BDL	0.08	BDL	0.7	BDL	0.31	BDL	0.21	BDL	0.57	BDL	0.05	BDL	0.06	BDL	0.1	0.077645	0.96	BDL	0.19	BDL	0.3	0	0.41	BDL	0.25	BDL	0.24	BDL	0.09	0.04488	0.91	BDL	0.93	BDL	0.35	BDL	0.24
4/26/2013 12:43	titan10	299	100	111	537	10103.87	Titan1-164	BDL	0.17	BDL	0.35	BDL	0.08	BDL	0.12	BDL	0.8	BDL	0.47	BDL	0.08	BDL	0.54	BDL	0.06	BDL	0.12	BDL	0.12	0.043103	0.95	BDL	0.18	BDL	0.58	0	0.3	BDL	0.24	BDL	0.17	BDL	0.12	0.021439	0.78	BDL	0.92	BDL	0.71	BDL	0.32
4/26/2013 12:44	titan10	300	100	111	536	10171.32	Titan1-164	BDL	0.18	BDL	0.5	BDL	0.36	BDL	0.1	BDL	0.7	BDL	0.41	BDL	0.2	BDL	0.56	BDL	0.07	BDL	0.12	BDL	0.09	0.040889	0.95	BDL	0.17	BDL	0.63	0	0.22	BDL	0.2	BDL	0.2	BDL	0.26	0.01223	0.66	BDL	0.91	BDL	0.58	BDL	0.42
4/26/2013 12:45	titan10	301	100	111	537	10402.32	Titan1-164	BDL	0.18	BDL	0.41	BDL	0.21	BDL	0.11	BDL	0.8	BDL	0.54	BDL	0.16	BDL	0.49	BDL	0.04	BDL	0.09	BDL	0.13	0.036848	0.9	BDL	0.18	BDL	0.63	0	0.28	BDL	0.29	BDL	0.17	BDL	0.15	0.014738	0.75	BDL	0.92	BDL	0.36	BDL	0.29
4/26/2013 12:46	titan10	302	100	111	536	10581.72	Titan1-164	BDL	0.2	BDL	0.3	BDL	0.34	BDL	0.1	BDL	0.8	BDL	0.7	BDL	0.13	BDL	0.53	BDL	0.06	BDL	0.08	BDL	0.15	0.05513	0.93	BDL	0.17	BDL	0.6	0	0.3	BDL	0.33	BDL	0.21	BDL	0.15	0.014777	0.77	BDL	0.92	BDL	0.55	BDL	0.26
4/26/2013 12:47	titan10	303	100	111	537	11305.47	Titan1-164	BDL	0.14	BDL	0.4	BDL	0.47	BDL	0.08	BDL	0.8	BDL	0.53	BDL	0.12	BDL	0.46	BDL	0.05	BDL	0.05	BDL	0.12	0.060098	0.93	BDL	0.17	BDL	0.51	0	0.24	BDL	0.3	BDL	0.14	BDL	0.09	0.009778	0.58	BDL	0.93	BDL	0.64	BDL	0.23
4/26/2013 12:48	titan10	304	100	111	536	9394.642	Titan1-164	BDL	0.18	BDL	0.47	BDL	0.52	BDL	0.06	BDL	0.8	BDL	0.26	BDL	0.23	BDL	0.64	BDL	0.02	BDL	0.09	BDL	0.11	0.035625	0.86	BDL	0.18	BDL	0.6	0	0.31	BDL	0.33	BDL	0.21	BDL	0.12	0.008151	0.43	BDL	0.92	BDL	0.73	BDL	0.29
4/26/2013 12:49	titan10	305	100	111	537	10509.87	Titan1-164	BDL	0.18	BDL	0.44	BDL	0.47	BDL	0.11	BDL	0.8	BDL	0.52	BDL	0.2	BDL	0.59	BDL	0.07	BDL	0.08	BDL	0.12	0.070299	0.93	BDL	0.18	BDL	0.64	0	0.47	BDL	0.31	BDL	0.16	BDL	0.21	BDL	0.45	BDL	0.92	BDL	0.65	BDL	0.25
4/26/2013 12:50	titan10	306	100	111	537	9914.613	Titan1-164	BDL	0.15	BDL	0.58	BDL	0.51	BDL	0.24	BDL	0.8	BDL	0.41	BDL	0.09	BDL	0.48	BDL	0.23	BDL	0.04	BDL	0.15	0.058739	0.94	BDL	0.15	BDL	0.62	0	0.18	BDL	0.35	BDL	0.24	BDL	0.04	BDL	0.25	BDL	0.94	BDL	0.66	BDL	0.32
4/26/2013 12:51	titan10	307	100	111	537	8230.097	Titan1-164	BDL	0.12	BDL	0.36	BDL	0.53	BDL	0.12	BDL	0.7	BDL	0.68	BDL	0.09	BDL	0.42	BDL	0.18	BDL	0.02	BDL	0.12	0.068201	0.96	BDL	0.12	BDL	0.55	0	0.1	BDL	0.39	BDL	0.19	BDL	0.03	BDL	0.19	BDL	0.9	BDL	0.53	BDL	0.32
4/26/2013 12:52	titan10	308	100	111	536	4731.66	Titan1-164	BDL	0.14	BDL	0.37	BDL	0.46	BDL	0.13	BDL	0.6	BDL	0.24	BDL	0.09	BDL	0.44	BDL	0.13	BDL	0.03	BDL	0.11	0.054126	0.92	BDL	0.14	BDL	0.59	0	0.14	BDL	0.45	BDL	0.26	BDL	0.13	BDL	0.27	BDL	0.87	BDL	0.52	BDL	0.24
4/26/2013 12:53	titan10	309	100	111	537	8715.85	Titan1-164	BDL	0.17	BDL	0.41	BDL	0.45	BDL	0.09	BDL	0.5	BDL	0.07	BDL	0.25	BDL	0.6	BDL	0.04	BDL	0.08	BDL	0.12	0.057499	0.94	BDL	0.17	BDL	0.63	0	0.56	BDL	0.26	BDL	0.19	BDL	0.12	BDL	0.42	BDL	0.9	BDL	0.65	BDL	0.31
4/26/2013 12:54	titan10	310	100	111	537	10263.45	Titan1-164	BDL	0.18	BDL	0.38	BDL	0.47	BDL	0.11	BDL	0.6	BDL	0.12	BDL	0.32	BDL	0.62	BDL	0.02	BDL	0.09	BDL	0.12	0.050258	0.93	BDL	0.18	BDL	0.63	0	0.53	BDL	0.28	BDL	0.2	BDL	0.09	BDL	0.47	BDL	0.92	BDL	0.37	BDL	0.3
4/26/2013 12:55	titan10	311	100	111	537	11144.28	Titan1-164	BDL	0.19	BDL	0.49	BDL	0.58	BDL	0.12	BDL	0.8	BDL	0.36	BDL	0.15	BDL	0.44	BDL	0.03	BDL	0.07	BDL	0.21	0.027395	0.81	BDL	0.17	BDL	0.61	0	0.32	BDL	0.31	BDL	0.25	BDL	0.3	BDL	0.51	BDL	0.95	BDL	0.45	BDL	0.24
4/26/2013 12:56	titan10	312	100	111	537	10978.02	Titan1-164	BDL	0.21	BDL	0.26	BDL	0.47	BDL	0.11	BDL	0.7	BDL	0.19	BDL	0.31	BDL	0.49	BDL	0.04	BDL	0.1	BDL	0.13	0.051036	0.92	BDL	0.18	BDL	0.61	0	0.47	BDL	0.26	BDL	0.3	BDL	0.08	BDL	0.33	BDL	0.9	BDL	0.59	BDL	0.35
4/26/2013 12:57	titan10	313	100	111	536	11352.76	Titan1-164	BDL	0.19	BDL	0.55	BDL	0.58	BDL	0.13	BDL	0.7	BDL	0.08	BDL	0.18	BDL	0.39	BDL	0.03	BDL	0.09	BDL	0.21	0.022666	0.86	BDL	0.18	BDL	0.6	0	0.26	BDL	0.26	BDL	0.23	BDL	0.3	BDL	0.39	BDL	0.93	BDL	0.43	BDL	0.39
4/26/2013 12:58	titan10	314	100	111	536	11068.24	Titan1-164	BDL	0.21	BDL	0.51	BDL	0.57	BDL	0.12	BDL	0.7	BDL	0.07	BDL	0.22	BDL	0.47	BDL	0.04	BDL	0.08	BDL	0.19	0.036628	0.92	BDL	0.16	BDL	0.6	0	0.26	BDL	0.31	BDL	0.26	BDL	0.08	BDL	0.4	BDL	0.92	BDL	0.36	BDL	0.38
4/26/2013 12:59	titan10	315	100	111	537	12800.28	Titan1-164	BDL	0.17	BDL	0.62	BDL	0.55	BDL	0.12	BDL	0.7	BDL	0.13	BDL	0.18	BDL	0.44	BDL	0.04	BDL	0.08	BDL	0.2	0.041882	0.93	BDL	0.17	BDL	0.6	0	0.22	BDL	0.29	BDL	0.14	BDL	0.11	BDL	0.47	BDL	0.93	BDL	0.67	BDL	0.36
4/26/2013 13:00	titan10	316	100	111	537	11224.3	Titan1-164	BDL	0.2	BDL	0.52	BDL	0.61	BDL	0.13	BDL	0.7	BDL	0.08	BDL	0.18	BDL	0.36	BDL	0.04	BDL	0.08	BDL	0.2	0.025136	0.84	BDL	0.16	BDL	0.58	0	0.21	BDL	0.28	BDL	0.36	BDL	0.16	BDL	0.39	BDL	0.93	BDL	0.75	BDL	0.28
4/26/2013 13:01	titan10	317	100	111	537	10088.71	Titan1-164	BDL	0.18	BDL	0.33	BDL	0.6	BDL	0.1	BDL	0.6	BDL	0.02	BDL	0.34	BDL	0.48	BDL	0.03	BDL	0.06	BDL	0.12	0.030722	0.88	BDL	0.17	BDL	0.61	0	0.23	BDL	0.33	BDL	0.44	BDL	0.03	BDL	0.4	BDL	0.94	BDL	0.55	BDL	0.17
4/26/2013 13:02	titan10	318	100	111	537	11835.96	Titan1-164	BDL	0.19	BDL	0.57	BDL	0.62	BDL	0.1	BDL	0.5	BDL	0.02	BDL	0.3	BDL	0.31	BDL	0.04	BDL	0.08	BDL	0.16	0.034188	0.92	BDL	0.17	BDL	0.6	0	0.24	BDL	0.3	BDL	0.27	BDL	0.1	BDL	0.51	BDL	0.92	BDL	0.52	BDL	0.22
4/26/2013 13:03	titan10	319	100	111	537	11448.98	Titan1-164	BDL	0.22	BDL	0.53	BDL	0.55	BDL	0.1	BDL	0.5	BDL	0.08	BDL	0.31	BDL	0.39	BDL	0.05	BDL	0.08	BDL	0.18	0.037854	0.91	BDL	0.17	BDL	0.59	0	0.24	BDL	0.33	BDL	0.08	BDL	0.04	BDL	0.41	BDL	0.92	BDL	0.67	BDL	0.25
4/26/2013 13:04	titan10	320	100	111	537	11698.94	Titan1-164	BDL	0.21	BDL	0.82	BDL	0.63	BDL	0.16	BDL	0.4	BDL	0.13	BDL	0.13	BDL	0.33	BDL	0.22	BDL	0.05	BDL	0.2	0.019619	0.85	BDL	0.14	BDL	0.6	0	0.11	BDL	0.32	BDL	0.11	BDL	0.12	BDL	0.31	BDL	0.92	BDL	0.56	BDL	0.21
4/26/2013 13:05	titan10	321	100	111	537	12716.23	Titan1-164	BDL	0.19	BDL	0.73	BDL	0.59	BDL	0.17	BDL	0.4	BDL	0.13	BDL	0.09	BDL	0.17	BDL	0.01	BDL	0.05	BDL	0.16	0.037059	0.93	BDL	0.14	BDL	0.61	0	0.08	BDL	0.34	BDL	0.18	BDL	0.04	BDL	0.17	BDL	0.91	BDL	0.74	BDL	0.27
4/26/2013 13:06	titan10	322	100	111	537	12573.12	Titan1-164	BDL	0.18	BDL	0.63	BDL	0.56	BDL	0.18	BDL	0.5	BDL	0.29	BDL	0.11	BDL	0.31	BDL	0.3	BDL	0.02	BDL	0.16	0.052895	0.93	BDL	0.12	BDL	0.61	0	0.11	BDL	0.35	BDL	0.17	BDL	0.04	BDL	0.24	BDL	0.92	BDL	0.63	BDL	0.25
4/26/2013 13:07	titan10	323	100	111	536	12775.19	Titan1-164	BDL	0.16	BDL	0.92	BDL	0.63	BDL	0.07	BDL	0.6	BDL	0.04	BDL	0.11	BDL	0.21	BDL	0.15	BDL	0.01	BDL	0.16	0.012825	0.75	BDL	0.14	BDL	0.54	0	0.26	BDL	0.39	BDL	0.25	BDL	0.05	BDL	0.41	BDL	0.95	BDL	0.37	BDL	0.11
4/26/2013 13:08	titan10	324	100	111	537	12237.59	Titan1-164	BDL	0.15	BDL	0.88	BDL	0.69	BDL	0.1	BDL	0.7	BDL	0.05	BDL	0.26	BDL	0.22	BDL	0.07	BDL	0.01	BDL	0.16	0.004312	0.25	BDL	0.16	BDL	0.15	0	0.14	BDL	0.36	BDL	0.26	BDL	0.02	BDL	0.38	BDL	0.97	BDL	0.53	BDL	0.07
4/26/2013 13:09	titan10	325	100	111	537	11464.01	Titan1-164	BDL	0.18	BDL	0.73	BDL	0.61	BDL	0.19	BDL	0.5	BDL	0.04	BDL	0.31	BDL	0.48	BDL	0.05	BDL	0.04	0.002746	0.32	0.002212	0.09	BDL	0.16	BDL	0.01	0	0.04	BDL	0.26	BDL	0.32	BDL	0.03	BDL	0.3	BDL	0.97	BDL	0.75	BDL	0.14
4/26/2013 13:10	titan10	326	100	111	537	10993.85	Titan1-164	BDL	0.14	BDL	0.36	BDL	0.61	BDL	0.15	BDL	0.7	BDL	0.04	BDL	0.31	BDL	0.56	BDL	0.01	BDL	0.03	0.002877	0.12	0.006091	0.29	BDL	0.17	BDL	0.14	0.002721	0.04	BDL	0.25	BDL	0.37	BDL	0.17	BDL	0.3	BDL	0.98	BDL	0.45	BDL	0.08
4/26/2013 13:11	titan10	327	100	111	537	11349.79	Titan1-164	BDL	0.15	BDL	0.54	BDL	0.72	BDL	0.23	BDL	0.5	BDL	0.01	BDL	0.31	BDL	0.56	BDL	0.03	BDL	0.02	BDL	0.17	0.008888	0.59	BDL	0.17	BDL	0.04	0.003201	0.05	BDL	0.21	BDL	0.33	BDL	0.08	BDL	0.47	BDL	0.98	BDL	0.83	BDL	0.12
4/26/2013 13:12	titan10	328	100	111	537	10543.9	Titan1-164	BDL	0.11	BDL	0.23	BDL	0.73	BDL	0.18	BDL	0.6	BDL	0.04	BDL	0.23	BDL	0.62	BDL	0.03	BDL	0.03	BDL	0.19	0.010962	0.62	BDL	0.17	BDL	0.2	0	0.06	BDL	0.44	BDL	0.2	BDL	0.16	BDL	0.22	BDL	0.98	BDL	0.67	BDL	0.04
4/26/2013 13:13	titan10	329	100	111	537	1351.995	Titan1-164	BDL	0.07	BDL	0.15	BDL	0.48	BDL	0.12	BDL	0.7	BDL	0.16	BDL	0.03	BDL	0.4	BDL	0.08	BDL	0.08	BDL	0.14	0.021934	0.54	BDL	0.12	BDL	0.01	0	0.12	BDL	0.19	BDL	0.04	BDL	0.07	BDL	0.24	BDL	0.69	BDL	0.55	BDL	0.1
4/26/2013 13:14	titan10	330	100	111	537	4728.36	Titan1-164	BDL	0.17	BDL	0.46	BDL	0.45	BDL	0.19	BDL	0.2	BDL	0.04	BDL	0.15	BDL	0.59	BDL	0.09	BDL	0.03	BDL	0.19	0.050262	0.94	BDL	0.18	BDL	0.41	0	0.09	BDL	0.29	BDL	0.29	BDL	0.04	0.004657	0.3	BDL	0.96	BDL	0.59	BDL	0.13
4/26/2013 13:15	titan10	331	100	111	537	11323.71	Titan1-164	BDL	0.2	BDL	0.69	BDL	0.24	BDL	0.21	BDL	0.3	BDL	0.01	BDL	0.02	BDL	0.51	BDL	0.03	BDL	0.06	BDL	0.15	0.024397	0.89	BDL	0.19	BDL	0.56	0	0.05	BDL	0.2	BDL	0.31	BDL	0.02	BDL	0.45	BDL	0.95	BDL	0.62	BDL	0.35
4/26/2013 13:16	titan10	332	100	111	537	10906.63	Titan1-164	BDL	0.18	BDL	0.75	BDL	0.19	BDL	0.2	BDL	0.5	BDL	0.03	BDL	0.18	BDL	0.45	BDL	0.06	BDL	0.06	BDL	0.05	0.02482	0.92	BDL	0.18	BDL	0.48	0.002671	0.04	BDL	0.11	BDL	0.23	BDL	0.09	BDL	0.47	BDL	0.97	BDL	0.62	BDL	0.4
4/26/2013 13:17	titan10	333	100	111	537	10392.69	Titan1-164	BDL	0.16	BDL	0.56	BDL	0.23	BDL	0.19	BDL	0.4	BDL	0.02	BDL	0.02	BDL	0.42	BDL	0.03	BDL	0.05	BDL	0.01	0.02915	0.93	BDL	0.18	BDL	0.58	0.003186	0.05	BDL	0.16	BDL	0.14	BDL	0.07	BDL	0.37	BDL	0.97	BDL	0.44	BDL	0.36
4/26/2013 13:19	titan10	334	100	111	536	10903.4	Titan1-164	BDL	0.18	BDL	0.67	BDL	0.22	BDL	0.23	BDL	0.4	BDL	0.04	BDL	0.14	BDL	0.51	BDL	0.04	BDL	0.07	BDL	0.07	0.027916	0.91	BDL	0.18	BDL	0.62	0	0.04	BDL	0.24	BDL	0.24	BDL	0.05	BDL	0.32	BDL	0.96	BDL	0.48	BDL	0.41
4/26/2013 13:20	titan10	335	100	111	537	10434.67	Titan1-164	BDL	0.17	BDL	0.63	BDL	0.21	BDL	0.17	BDL	0.4	BDL	0.01	BDL	0.23	BDL	0.51	BDL	0.04	BDL	0.07	BDL	0.1	0.020913	0.87	BDL	0.19	BDL	0.66	0	0.06	BDL	0.22	BDL	0.22	BDL	0.17	BDL	0.47	BDL	0.95	BDL	0.73	BDL	0.38
4/26/2013 13:21	titan10	336	100	111	537	10120.81	Titan1-164	BDL	0.18	BDL	0.46	BDL	0.19	BDL	0.2	BDL	0.5	BDL	0.03	BDL	0.32	BDL	0.54	BDL	0.03	BDL	0.08	BDL	0.08	0.025826	0.93	BDL	0.17	BDL	0.62	0	0.09	BDL	0.2	BDL	0.21	BDL	0.03	BDL	0.55	BDL	0.94	BDL	0.74	BDL	0.34
4/26/2013 13:22	titan10	337	100	111	537	9685.071	Titan1-164	BDL	0.2	BDL	0.26	BDL	0.27	BDL	0.17	BDL	0.2	BDL	0.03	BDL	0.36	BDL	0.47	BDL	0.03	BDL	0.07	BDL	0.15	0.081211	0.97	BDL	0.18	BDL	0.61	0	0.21	BDL	0.18	BDL	0.14	BDL	0.06	BDL	0.35	BDL	0.91	BDL	0.82	BDL	0.32
4/26/2013 13:23	titan10	338	100	111	537	10305.29	Titan1-164	BDL	0.18	BDL	0.73	BDL	0.17	BDL	0.15	BDL	0.5	BDL	0.01	BDL	0.18	BDL	0.38	BDL	0.04	BDL	0.06	BDL	0.17	0.01385	0.82	BDL	0.17	BDL	0.6	0	0.1	BDL	0.24	BDL	0.1	BDL	0.14	BDL	0.39	BDL	0.95	BDL	0.43	BDL	0.3
4/26/2013 13:24	titan10	339	100	111	537	10694.14	Titan1-164	BDL	0.23	BDL	0.75	BDL	0.2	BDL	0.15	BDL	0.5	BDL	0.03	BDL	0.21	BDL	0.4	BDL	0.02	BDL	0.09	BDL	0.06	0.0212	0.89	BDL	0.18	BDL	0.57	0	0.11	BDL	0.23	BDL	0.14	BDL	0.1	BDL	0.43	BDL	0.93	BDL	0.38	BDL	0.36
4/26/2013 13:25	titan10	340	100	111	537	10693.97	Titan1-164	BDL	0.22	BDL	0.52	BDL	0.23	BDL	0.16	BDL	0.4	BDL	0.04	BDL	0.23	BDL	0.48	BDL	0.03	BDL	0.08	BDL	0.06	0.032183	0.94	BDL	0.18	BDL	0.6	0	0.12	BDL	0.19	BDL	0.14	BDL	0.07	BDL	0.42	BDL	0.93	BDL	0.64	BDL	0.4
4/26/2013 13:26	titan10	341	100	111	537	10581.16	Titan1-164	BDL	0.26	BDL	0.46	BDL	0.26	BDL	0.18	BDL	0.3	BDL	0.02	BDL	0.33	BDL	0.42	BDL	0.02	BDL	0.1	BDL	0.06	0.026143	0.91	BDL	0.18	BDL	0.58	0	0.22	BDL	0.25	BDL	0.19	BDL	0.14	BDL	0.55	BDL	0.87	BDL	0.53	BDL	0.34
4/26/2013 13:27	titan10	342	100	111	537	11842.6	Titan1-164	BDL	0.27	BDL	0.54	BDL	0.27	BDL	0.22	BDL	0.3	BDL	0.03	BDL	0.29	BDL	0.41	BDL	0.02	BDL	0.1	BDL	0.21	0.035357	0.94	BDL	0.18	BDL	0.62	0	0.19	BDL	0.22	BDL	0.23	BDL	0.24	BDL	0.45	BDL	0.87	BDL	0.36	BDL	0.39

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Table 2: Cumulative OPM Data

Sample Date/Time	Site Name	Event	L	Int	Avg	Signal	Background	Acetaldehyde	R^2	Acrolein	R^2	Ammonia	R^2	Benzene	R^2	1,3 Butadiene	R^2	Carbon Disulfide	R^2	Ethylbenzene	R^2	Formaldehyde	R^2	Hydrogen Sulfide	R^2	m-Xylene	R^2	Napthalene	R^2	Nitric Oxide	R^2	Nitrogen Dioxide	R^2	o-Xylene	R^2	Ozone	R^2	p-Xylene	R^2	Styrene	R^2	Sulfur Dioxide	R^2	Toluene	R^2	Chlorine	R^2	Mercury	R^2	Phenol	R^2
							Maximum:	0	0.6	0	0.57	0	0.1	0	0.57	0	0.9	0	0.88	0	0.84	0	0.69	0	0.68	0	0.43	0.010308	0.77	1.252081	0.59	0	0.47	0	0.79	0.026173	0.78	0	0.74	0	0.52	0	0.82	0.162574	0.92	0	0.59	0	0.96	0	0.58
Typical OPM Detection Limit (100m) / Correlation Coefficient (R^2) Threshold								0.03	0.5	0.06	0.9	0.006	0.2	0.003	0.5	0.002	0.8	0.133	0.7	0.003	0.3	0.032	0.65	0.005	0.8	0.004	0.3	0.002	0.5	0.003	0.5	0.04	0.5	0.018	0.4	0.02	0.6	0.002	0.4	0.006	0.5	0.003	0.5	0.008	0.3	0.006	0.9	0.006	0.75	0.003	0.6
4/26/2013 13:28	titan10	343	100	111	536	11599.5	Titan1-164	BDL	0.24	BDL	0.58	BDL	0.23	BDL	0.15	BDL	0.4	BDL	0.01	BDL	0.19	BDL	0.55	BDL	0.02	BDL	0.12	0.001658	0.27	0.032932	0.95	BDL	0.18	BDL	0.58	0	0.11	BDL	0.2	BDL	0.28	BDL	0.16	BDL	0.42	BDL	0.92	BDL	0.48	BDL	0.28
4/26/2013 13:29	titan10	344	100	111	537	10582.04	Titan1-164	BDL	0.23	BDL	0.37	BDL	0.24	BDL	0.14	BDL	0.4	BDL	0.01	BDL	0.31	BDL	0.51	BDL	0.01	BDL	0.1	0.001374	0.15	0.03089	0.94	BDL	0.18	BDL	0.6	0	0.17	BDL	0.2	BDL	0.22	BDL	0.17	BDL	0.4	BDL	0.91	BDL	0.6	BDL	0.36
4/26/2013 13:30	titan10	345	100	111	537	11609.93	Titan1-164	BDL	0.27	BDL	0.59	BDL	0.24	BDL	0.13	BDL	0.3	BDL	0.02	BDL	0.3	BDL	0.36	BDL	0.02	BDL	0.11	0.00251	0.46	0.035262	0.95	BDL	0.17	BDL	0.58	0	0.12	BDL	0.22	BDL	0.13	BDL	0.26	BDL	0.43	BDL	0.88	BDL	0.59	BDL	0.35
4/26/2013 13:31	titan10	346	100	111	537	9844.309	Titan1-164	BDL	0.27	BDL	0.52	BDL	0.25	BDL	0.09	BDL	0.3	BDL	0.03	BDL	0.15	BDL	0.38	BDL	0.02	BDL	0.11	0.002065	0.18	0.04807	0.96	BDL	0.17	BDL	0.55	0	0.14	BDL	0.22	BDL	0.3	BDL	0.11	BDL	0.47	BDL	0.88	BDL	0.56	BDL	0.42
4/26/2013 13:32	titan10	347	100	111	537	13699.62	Titan1-164	BDL	0.18	BDL	0.76	BDL	0.28	BDL	0.15	BDL	0.3	BDL	0.03	BDL	0.04	BDL	0.28	BDL	0.03	BDL	0.11	0.001338	0.06	0.035299	0.97	BDL	0.17	BDL	0.52	0.00304	0.03	BDL	0.24	BDL	0.32	BDL	0.22	BDL	0.47	BDL	0.92	BDL	0.46	BDL	0.43
4/26/2013 13:33	titan10	348	100	111	537	11980.5	Titan1-164	BDL	0.28	BDL	0.65	BDL	0.21	BDL	0.12	BDL	0.5	BDL	0.03	BDL	0.04	BDL	0.17	BDL	0.02	BDL	0.1	0.001351	0.28	0.018016	0.93	BDL	0.15	BDL	0.5	0	0.07	BDL	0.26	BDL	0.21	BDL	0.24	BDL	0.29	BDL	0.87	BDL	0.36	BDL	0.3
4/26/2013 13:34	titan10	349	100	111	537	12582.31	Titan1-164	BDL	0.26	BDL	0.6	BDL	0.27	BDL	0.1	BDL	0.3	BDL	0.02	BDL	0.15	BDL	0.39	BDL	0.03	BDL	0.09	0.002298	0.24	0.039515	0.97	BDL	0.17	BDL	0.54	0	0.07	BDL	0.31	BDL	0.16	BDL	0.19	BDL	0.44	BDL	0.88	BDL	0.3	BDL	0.36
4/26/2013 13:35	titan10	350	100	111	537	13382.93	Titan1-164	BDL	0.23	BDL	0.67	BDL	0.25	BDL	0.11	BDL	0.3	BDL	0.01	BDL	0.26	BDL	0.24	BDL	0.03	BDL	0.1	0.001995	0.1	0.030236	0.97	BDL	0.16	BDL	0.6	0	0.12	BDL	0.24	BDL	0.34	BDL	0.23	BDL	0.45	BDL	0.87	BDL	0.34	BDL	0.31
4/26/2013 13:36	titan10	351	100	111	537	13038.79	Titan1-164	BDL	0.26	BDL	0.9	BDL	0.24	BDL	0.11	BDL	0.4	BDL	0.02	BDL	0.05	BDL	0.19	BDL	0.03	BDL	0.09	BDL	0.13	0.026475	0.94	BDL	0.15	BDL	0.58	0	0.05	BDL	0.21	BDL	0.21	BDL	0.35	BDL	0.41	BDL	0.86	BDL	0.4	BDL	0.42
4/26/2013 13:37	titan10	352	100	111	537	13002.54	Titan1-164	BDL	0.26	BDL	0.86	BDL	0.26	BDL	0.1	BDL	0.3	BDL	0.04	BDL	0.13	BDL	0.18	BDL	0.04	BDL	0.08	BDL	0.17	0.040736	0.96	BDL	0.16	BDL	0.56	0	0.09	BDL	0.26	BDL	0.26	BDL	0.22	BDL	0.37	BDL	0.86	BDL	0.29	BDL	0.33
4/26/2013 13:38	titan10	353	100	111	537	12950.08	Titan1-164	BDL	0.26	BDL	0.74	BDL	0.28	BDL	0.11	BDL	0.1	BDL	0.04	BDL	0.27	BDL	0.2	BDL	0.04	BDL	0.09	BDL	0.14	0.065084	0.97	BDL	0.16	BDL	0.61	0	0.19	BDL	0.26	BDL	0.21	BDL	0.18	BDL	0.33	BDL	0.84	BDL	0.55	BDL	0.3
4/26/2013 13:39	titan10	354	100	111	537	12882.73	Titan1-164	BDL	0.25	BDL	0.81	BDL	0.28	BDL	0.09	BDL	0.2	BDL	0.03	BDL	0.28	BDL	0.25	BDL	0.05	BDL	0.08	BDL	0.15	0.04692	0.95	BDL	0.16	BDL	0.59	0	0.24	BDL	0.28	BDL	0.31	BDL	0.12	BDL	0.41	BDL	0.85	BDL	0.47	BDL	0.35
4/26/2013 13:40	titan10	355	100	111	537	11965.9	Titan1-164	BDL	0.25	BDL	0.85	BDL	0.2	BDL	0.09	BDL	0.5	BDL	0.04	BDL	0.05	BDL	0.19	BDL	0.05	BDL	0.07	BDL	0.11	0.020068	0.96	BDL	0.15	BDL	0.55	0	0.1	BDL	0.2	BDL	0.29	BDL	0.11	BDL	0.46	BDL	0.88	BDL	0.45	BDL	0.26
4/26/2013 13:41	titan10	356	100	111	536	13258.99	Titan1-164	BDL	0.2	BDL	0.75	BDL	0.24	BDL	0.1	BDL	0.3	BDL	0.03	BDL	0.19	BDL	0.13	BDL	0.02	BDL	0.09	BDL	0.13	0.031827	0.96	BDL	0.16	BDL	0.56	0	0.08	BDL	0.24	BDL	0.19	BDL	0.17	BDL	0.45	BDL	0.89	BDL	0.32	BDL	0.26
4/26/2013 13:42	titan10	357	100	111	537	13320.61	Titan1-164	BDL	0.23	BDL	0.58	BDL	0.28	BDL	0.09	BDL	0.1	BDL	0.01	BDL	0.3	BDL	0.24	BDL	0.03	BDL	0.08	BDL	0.11	0.066997	0.98	BDL	0.16	BDL	0.59	0	0.12	BDL	0.28	BDL	0.21	BDL	0.18	BDL	0.37	BDL	0.86	BDL	0.34	BDL	0.38
4/26/2013 13:43	titan10	358	100	111	537	13208.85	Titan1-164	BDL	0.22	BDL	0.64	BDL	0.26	BDL	0.08	BDL	0.3	BDL	0.01	BDL	0.24	BDL	0.19	BDL	0.03	BDL	0.09	BDL	0.11	0.047117	0.98	BDL	0.17	BDL	0.59	0	0.1	BDL	0.21	BDL	0.21	BDL	0.1	BDL	0.53	BDL	0.89	BDL	0.56	BDL	0.4
4/26/2013 13:44	titan10	359	100	111	537	12533.19	Titan1-164	BDL	0.22	BDL	0.6	BDL	0.28	BDL	0.1	BDL	0.2	BDL	0.06	BDL	0.29	BDL	0.25	BDL	0.02	BDL	0.1	BDL	0.13	0.070148	0.99	BDL	0.18	BDL	0.6	0	0.11	BDL	0.22	BDL	0.42	BDL	0.07	BDL	0.33	BDL	0.89	BDL	0.44	BDL	0.37
4/26/2013 13:45	titan10	360	100	111	537	13257.43	Titan1-164	BDL	0.22	BDL	0.87	BDL	0.27	BDL	0.09	BDL	0.3	BDL	0.03	BDL	0.23	BDL	0.17	BDL	0.02	BDL	0.08	BDL	0.08	0.041646	0.95	BDL	0.16	BDL	0.59	0	0.14	BDL	0.24	BDL	0.27	BDL	0.06	BDL	0.34	BDL	0.88	BDL	0.48	BDL	0.28
4/26/2013 13:46	titan10	361	100	111	537	13217.96	Titan1-164	BDL	0.23	BDL	0.82	BDL	0.26	BDL	0.18	BDL	0.3	BDL	0	BDL	0.16	BDL	0.02	BDL	0.07	BDL	0.07	BDL	0.05	0.037131	0.96	BDL	0.15	BDL	0.62	0	0.06	BDL	0.23	BDL	0.17	BDL	0.07	BDL	0.31	BDL	0.88	BDL	0.57	BDL	0.31
4/26/2013 13:47	titan10	362	100	111	537	11216.89	Titan1-164	BDL	0.24	BDL	0.73	BDL	0.29	BDL	0.18	BDL	0.2	BDL	0.04	BDL	0.1	BDL	0.24	BDL	0.15	BDL	0.05	BDL	0.11	0.063447	0.97	BDL	0.16	BDL	0.59	0	0.05	BDL	0.29	BDL	0.15	BDL	0.12	BDL	0.4	BDL	0.89	BDL	0.6	BDL	0.3
4/26/2013 13:48	titan10	363	100	111	537	13139.67	Titan1-164	BDL	0.19	BDL	0.58	BDL	0.31	BDL	0.08	BDL	0	BDL	0.15	BDL	0.25	BDL	0.27	BDL	0.09	BDL	0.07	BDL	0.06	0.068916	0.95	BDL	0.14	BDL	0.61	0.004246	0.03	BDL	0.3	BDL	0.15	BDL	0.08	BDL	0.29	BDL	0.87	BDL	0.47	BDL	0.36
4/26/2013 13:49	titan10	364	100	111	537	14179.69	Titan1-164	BDL	0.17	BDL	0.67	BDL	0.29	BDL	0.15	BDL	0.2	BDL	0.08	BDL	0.12	BDL	0.24	BDL	0.07	BDL	0.06	BDL	0.1	0.048831	0.97	BDL	0.14	BDL	0.6	0	0.06	BDL	0.27	BDL	0.24	BDL	0.02	BDL	0.27	BDL	0.9	BDL	0.61	BDL	0.36
4/26/2013 13:50	titan10	365	100	111	537	14017.24	Titan1-164	BDL	0.18	BDL	0.71	BDL	0.3	BDL	0.11	BDL	0.1	BDL	0.03	BDL	0.2	BDL	0.36	BDL	0.07	BDL	0.08	BDL	0.08	0.074406	0.96	BDL	0.14	BDL	0.64	0	0.08	BDL	0.24	BDL	0.18	BDL	0.01	BDL	0.3	BDL	0.91	BDL	0.29	BDL	0.4
4/26/2013 13:51	titan10	366	100	111	537	14043.34	Titan1-164	BDL	0.15	BDL	0.84	BDL	0.26	BDL	0.19	BDL	0.3	BDL	0.03	BDL	0.07	BDL	0.36	BDL	0.03	BDL	0.06	BDL	0.07	0.034155	0.95	BDL	0.15	BDL	0.62	0	0.08	BDL	0.24	BDL	0.26	BDL	0.15	BDL	0.33	BDL	0.93	BDL	0.47	BDL	0.36
4/26/2013 13:52	titan10	367	100	111	537	13586.54	Titan1-164	BDL	0.19	BDL	0.72	BDL	0.28	BDL	0.15	BDL	0.2	BDL	0.04	BDL	0.25	BDL	0.42	BDL	0.02	BDL	0.09	BDL	0.11	0.05058	0.96	BDL	0.17	BDL	0.62	0	0.21	BDL	0.21	BDL	0.19	BDL	0.1	BDL	0.42	BDL	0.91	BDL	0.45	BDL	0.39
4/26/2013 13:53	titan10	368	100	111	537	13410.75	Titan1-164	BDL	0.23	BDL	0.35	BDL	0.31	BDL	0.18	BDL	0	BDL	0.16	BDL	0.4	BDL	0.41	BDL	0.02	BDL	0.09	BDL	0.07	0.061079	0.95	BDL	0.17	BDL	0.59	0	0.42	BDL	0.25	BDL	0.17	BDL	0.19	BDL	0.47	BDL	0.85	BDL	0.5	BDL	0.38
4/26/2013 13:54	titan10	369	100	111	537	13808.95	Titan1-164	BDL	0.19	BDL	0.52	BDL	0.29	BDL	0.16	BDL	0.1	BDL	0.03	BDL	0.32	BDL	0.29	BDL	0.01	BDL	0.08	BDL	0.09	0.065747	0.97	BDL	0.18	BDL	0.62	0	0.2	BDL	0.23	BDL	0.24	BDL	0.05	BDL	0.45	BDL	0.89	BDL	0.41	BDL	0.33
4/26/2013 13:55	titan10	370	100	111	537	13945.59	Titan1-164	BDL	0.19	BDL	0.41	BDL	0.29	BDL	0.17	BDL	0.1	BDL	0.08	BDL	0.37	BDL	0.35	BDL	0.02	BDL	0.08	BDL	0.06	0.063088	0.97	BDL	0.17	BDL	0.61	0	0.2	BDL	0.25	BDL	0.13	BDL	0.11	BDL	0.53	BDL	0.88	BDL	0.48	BDL	0.31
4/26/2013 13:56	titan10	371	100	111	537	13965.82	Titan1-164	BDL	0.2	BDL	0.27	BDL	0.35	BDL	0.14	BDL	0.1	BDL	0.26	BDL	0.37	BDL	0.29	BDL	0.04	BDL	0.09	BDL	0.04	0.033447	0.92	BDL	0.17	BDL	0.59	0	0.23	BDL	0.22	BDL	0.23	BDL	0.07	BDL	0.43	BDL	0.86	BDL	0.57	BDL	0.4
4/26/2013 13:57	titan10	372	100	111	537	14047.15	Titan1-164	BDL	0.2	BDL	0.45	BDL	0.28	BDL	0.13	BDL	0.2	BDL	0.06	BDL	0.36	BDL	0.2	BDL	0.03	BDL	0.09	BDL	0.06	0.047671	0.97	BDL	0.17	BDL	0.62	0	0.18	BDL	0.21	BDL	0.22	BDL	0.24	BDL	0.42	BDL	0.88	BDL	0.32	BDL	0.42
4/26/2013 13:58	titan10	373	100	111	537	14196.56	Titan1-164	BDL	0.18	BDL	0.49	BDL	0.28	BDL	0.15	BDL	0.2	BDL	0.08	BDL	0.24	BDL	0.32	BDL	0.01	BDL	0.08	BDL	0.06	0.053042	0.97	BDL	0.17	BDL	0.6	0	0.11	BDL	0.21	BDL	0.27	BDL	0.07	BDL	0.47	BDL	0.89	BDL	0.65	BDL	0.44
4/26/2013 13:59	titan10	374	100	111	537	14644.63	Titan1-164	BDL	0.19	BDL	0.44	BDL	0.28	BDL	0.18	BDL	0.1	BDL	0.1	BDL	0.24	BDL	0.39	BDL	0.06	BDL	0.1	BDL	0.07	0.059085	0.98	BDL	0.16	BDL	0.63	0.008927	0.07	BDL	0.2	BDL	0.25	BDL	0.27	BDL	0.47	BDL	0.9	BDL	0.35	BDL	0.47
4/26/2013 14:00	titan10	375	100	111	537	14485.45	Titan1-164	BDL	0.18	BDL	0.59	BDL	0.26	BDL	0.15	BDL	0.3	BDL	0.05	BDL	0.07	BDL	0.34	BDL	0.05	BDL	0.09	BDL	0.12	0.040438	0.98	BDL	0.17	BDL	0.62	0.003737	0.04	BDL	0.16	BDL	0.22	BDL	0.23	BDL	0.41	BDL	0.93	BDL	0.39	BDL	0.44
4/26/2013 14:01	titan10	376	100	111	537	13913.18	Titan1-164	BDL	0.18	BDL	0.63	BDL	0.25	BDL	0.15	BDL	0.4	BDL	0.07	BDL	0.08	BDL	0.35	BDL	0.05	BDL	0.11	BDL	0.1	0.037703	0.99	BDL	0.17	BDL	0.48	0.006311	0.07	BDL	0.1	BDL	0.23	BDL	0.18	BDL	0.45	BDL	0.95	BDL	0.41	BDL	0.38
4/26/2013 14:02	titan10	377	100	111	536	14397.2	Titan1-164	BDL	0.17	BDL	0.67	BDL	0.23	BDL	0.18	BDL	0.4	BDL	0.1	BDL	0.26	BDL	0.38	BDL	0.05	BDL	0.09	BDL	0.08	0.02623	0.97	BDL	0.16	BDL	0.39	0.010515	0.1	BDL	0.22	BDL	0.38	BDL	0.21	BDL	0.46	BDL	0.95	BDL	0.32	BDL	0.4
4/26/2013 14:03	titan10	378	100	111	537	15845.13	Titan1-164	BDL	0.19	BDL	0.64	BDL	0.36	BDL	0.05	BDL	0	BDL	0.43	BDL	0.07	BDL	0.26	BDL	0.06	BDL	0.12	BDL	0.06	0.039787	0.97	BDL	0.07	BDL	0.57	0.003718	0.19	BDL	0.18	BDL	0.29	BDL	0.08	BDL	0.5	BDL	0.94	BDL	0.5	BDL	0.46
4/26/2013 14:04	titan10	379	100	111	537	8964.568	Titan1-164	BDL	0.16	BDL	0.8	BDL	0.27	BDL	0.22	BDL	0.2	BDL	0.09	BDL	0.14	BDL	0.31	BDL	0.06	BDL	0.07	BDL	0.07	0.045494	0.96	BDL	0.15	BDL	0.63	0	0.11	BDL	0.3	BDL	0.24	BDL	0.23	BDL	0.6	BDL	0.92	BDL	0.66	BDL	0.42
4/26/2013 14:06	titan10	380	100	111	537	14620.31	Titan1-164	BDL	0.18	BDL	0.84	BDL	0.3	BDL	0.05	BDL	0.3	BDL	0.2	BDL	0.31	BDL	0.17	BDL	0.03	BDL	0.08	BDL	0.05	0.023129	0.97	BDL	0.12	BDL	0.12	0.0032571	0.22	BDL	0.27	BDL	0.29	BDL	0.1	BDL	0.09	BDL	0.93	BDL	0.49	BDL	0.47
4/26/2013 14:07	titan10	381	100	111	537	14991.56	Titan1-164	BDL	0.16	BDL	0.66	BDL	0.3	BDL	0.19	BDL	0.1	BDL	0.19	BDL	0.19	BDL	0.29	BDL	0.02	BDL	0.07	BDL	0.03	0.077301	0.98	BDL	0.14	BDL	0.62	0	0.13	BDL	0.28	BDL	0.33	BDL	0.15	BDL	0.38	BDL	0.9	BDL	0.81	BDL	0.32
4/26/2013 14:08	titan10	382	100	111	537	5805.998	Titan1-164	BDL	0.12	BDL	0.6	BDL	0.16	BDL	0.14	BDL	0.5	BDL	0.24	BDL	0.07	BDL	0.23	BDL	0.09	BDL	0.06	BDL	0.01	0.005643	0.67	BDL	0.13	BDL	0.45	0.00408	0.04	BDL	0.33	BDL	0.22	BDL	0.05	BDL	0.09	BDL	0.84	BDL	0.69	BDL	0.19
OSHA/NIOSH PEL/REL (TWA Values or *Short-term Peak) - Commercial Criteria								200		0.1		25		1		1		1		100	O	0.75	*	10	*	100		10		25		1		100		0.1		100		50	O	2		100		1	H	0.05	H	5	
TCEQ Air Monitoring Comparison Value (AMCV-ST) - Residential Criteria								0.05	O	NA		NA		0.18	H	0.23	O	NA		0.17	O	0.041	H	NA		1.7	H	0.084	O	NA		NA		1.7	H	NA		1.7	H	0.025	O	NA		0.17	O	NA		NA		NA	
EPA National Ambient Air Quality Standard (NAAQS-ST) - Residential Criteria								NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		0.1		NA		0.075		NA		NA		0.075		NA		NA		NA		NA	

All concentrations presented in ppmv
AMCV; 2013 * Short-tem Only
NAAQS - Current 2013 Criteria
O = Odor-based value
H = Health-based value
S = Statuatory Criteria

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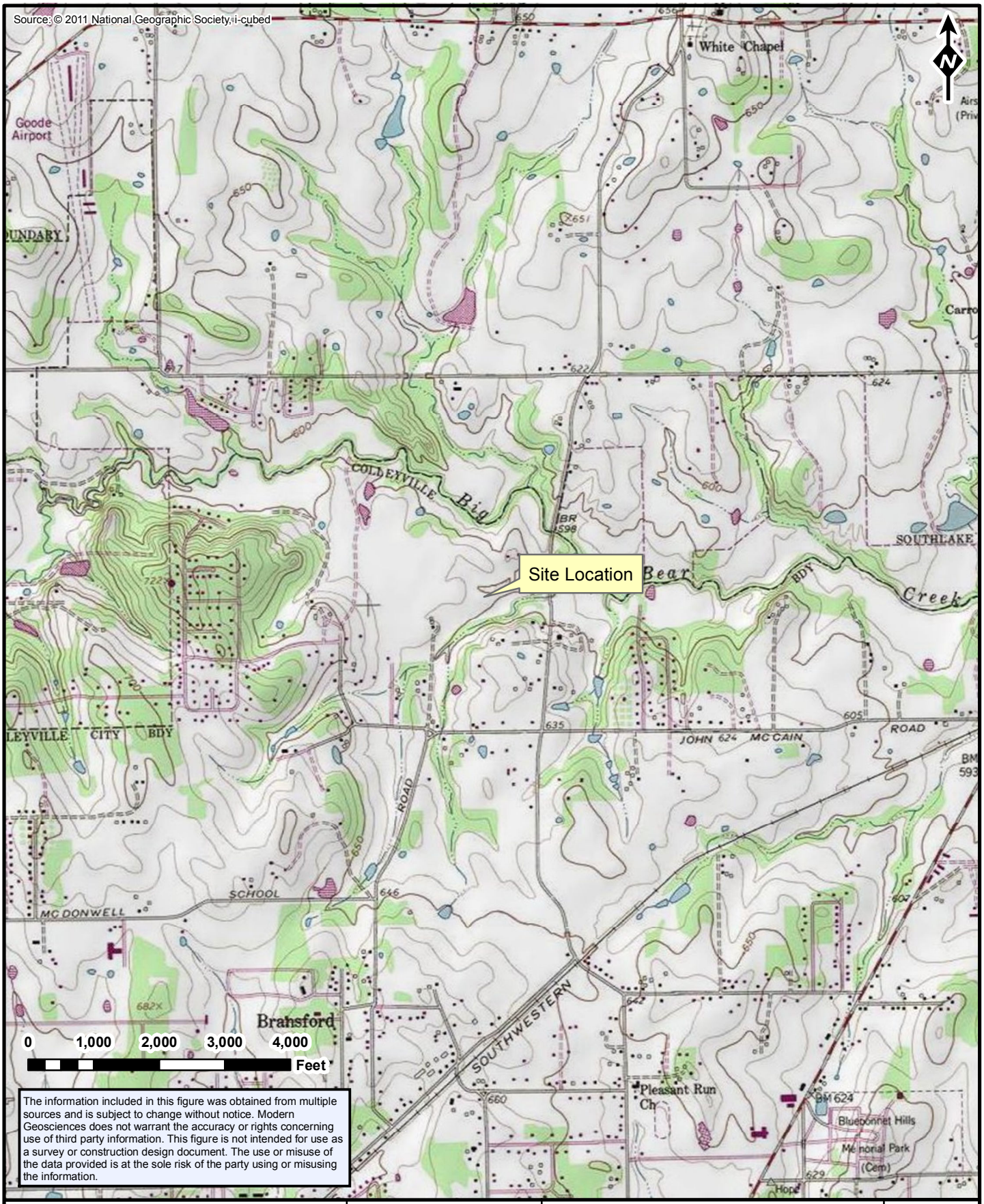
FIGURES



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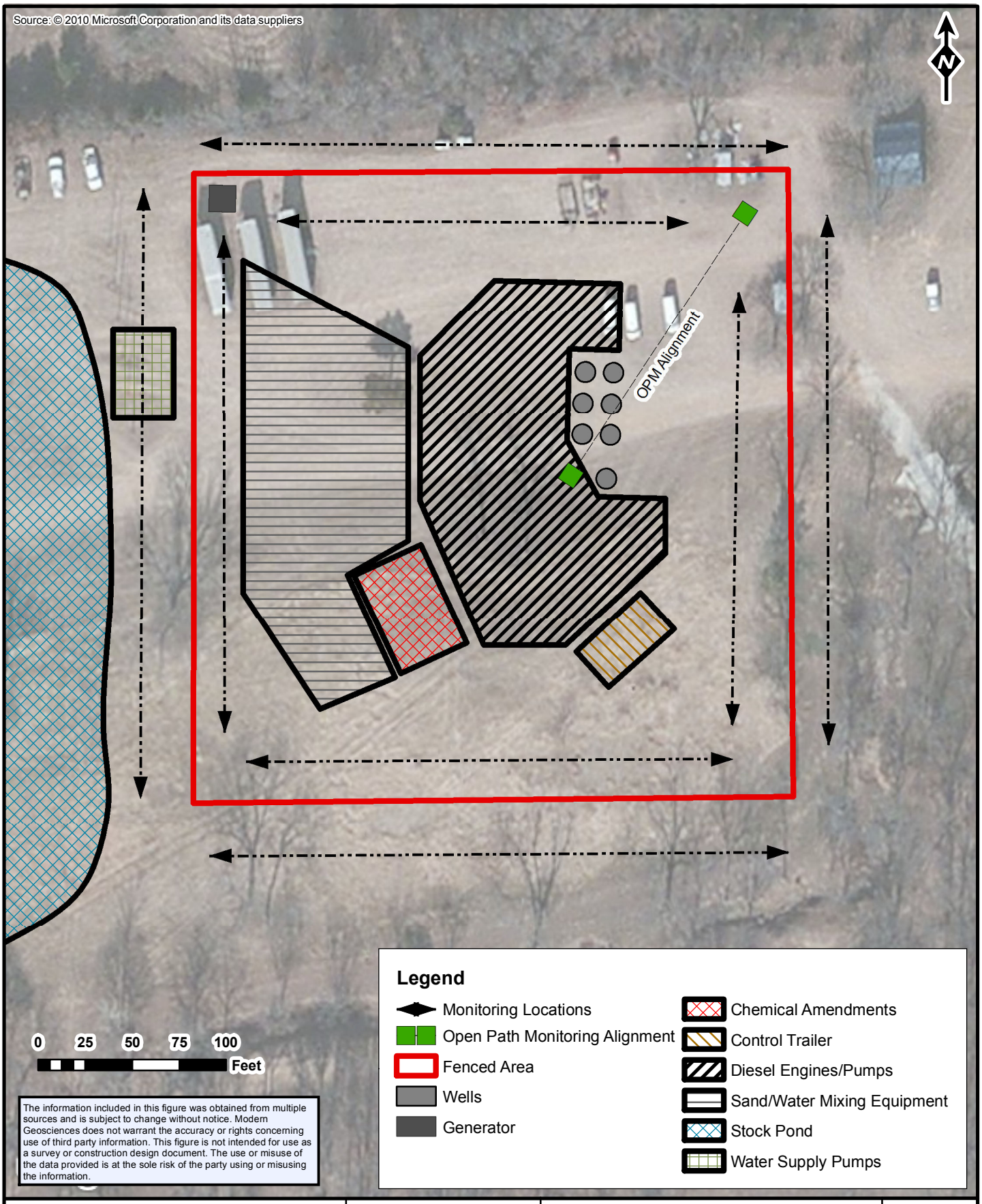
PROJECT NO.	13060
DRAWN:	2.20.12
DRAWN BY:	CS
CHECKED BY:	KT
FILE NAME:	TrinityPS_Topo_022012.mxd

TOPOGRAPHIC MAP

Trinity Pad Site
Colleyville, Texas

FIGURE

1



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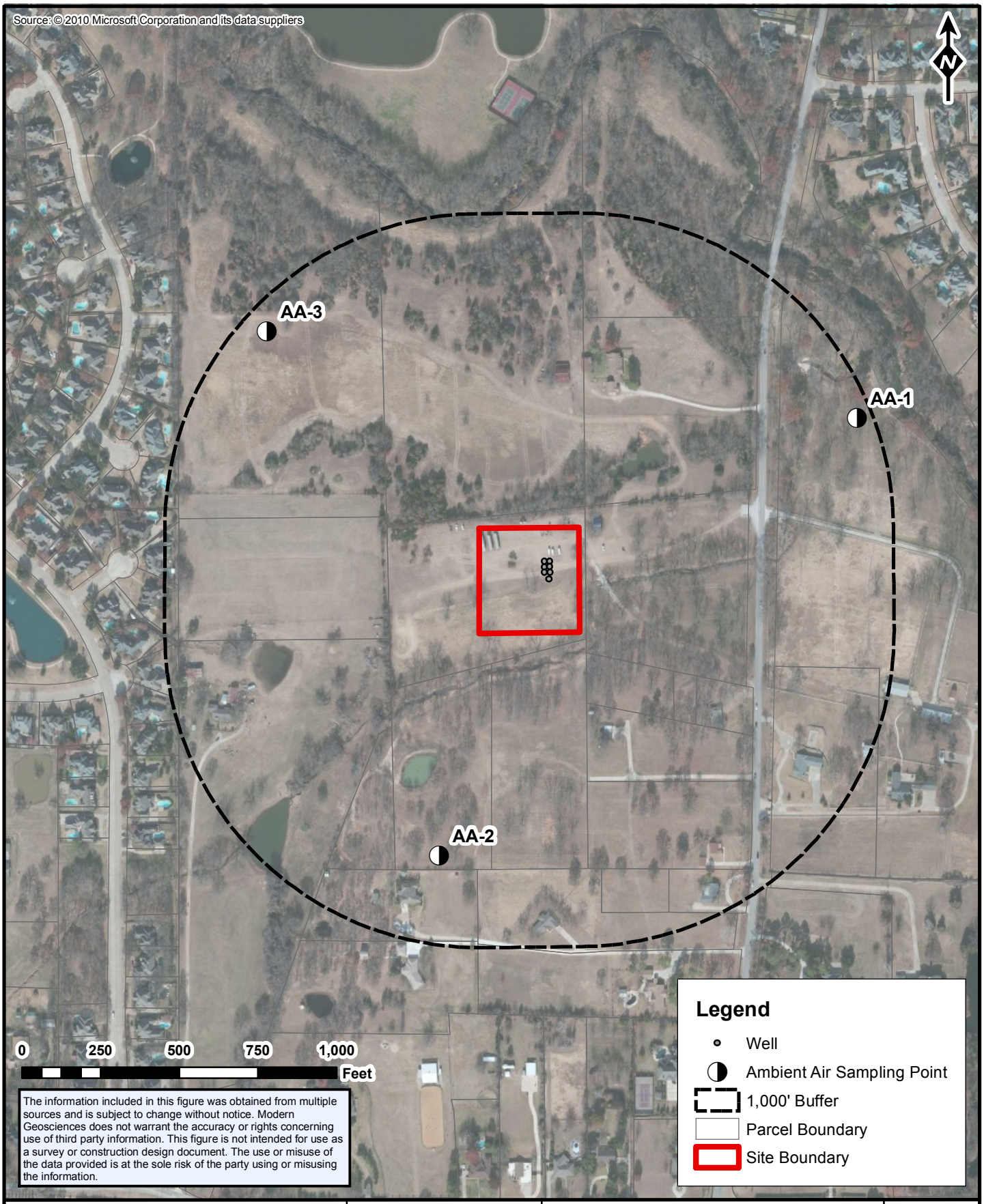
PROJECT NO.	13060
DRAWN:	4.30.13
DRAWN BY:	LM
CHECKED BY:	KT
FILE NAME:	TrinityPS_HydraulicFrac_043013

HYDRAULIC FRACTURING LAYOUT

Trinity Pad Site
Colleyville, Texas

FIGURE

2



The information included in this figure was obtained from multiple sources and is subject to change without notice. Modern Geosciences does not warrant the accuracy or rights concerning use of third party information. This figure is not intended for use as a survey or construction design document. The use or misuse of the data provided is at the sole risk of the party using or misusing the information.

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PROJECT NO.	13060
DRAWN:	04.30.13
DRAWN BY:	LM
CHECKED BY:	KT
FILE NAME:	Trinity_SampPoints_043013.mxd

OFF-SITE SAMPLING POINTS

Trinity Pad Site
Colleyville, Texas

FIGURE

3

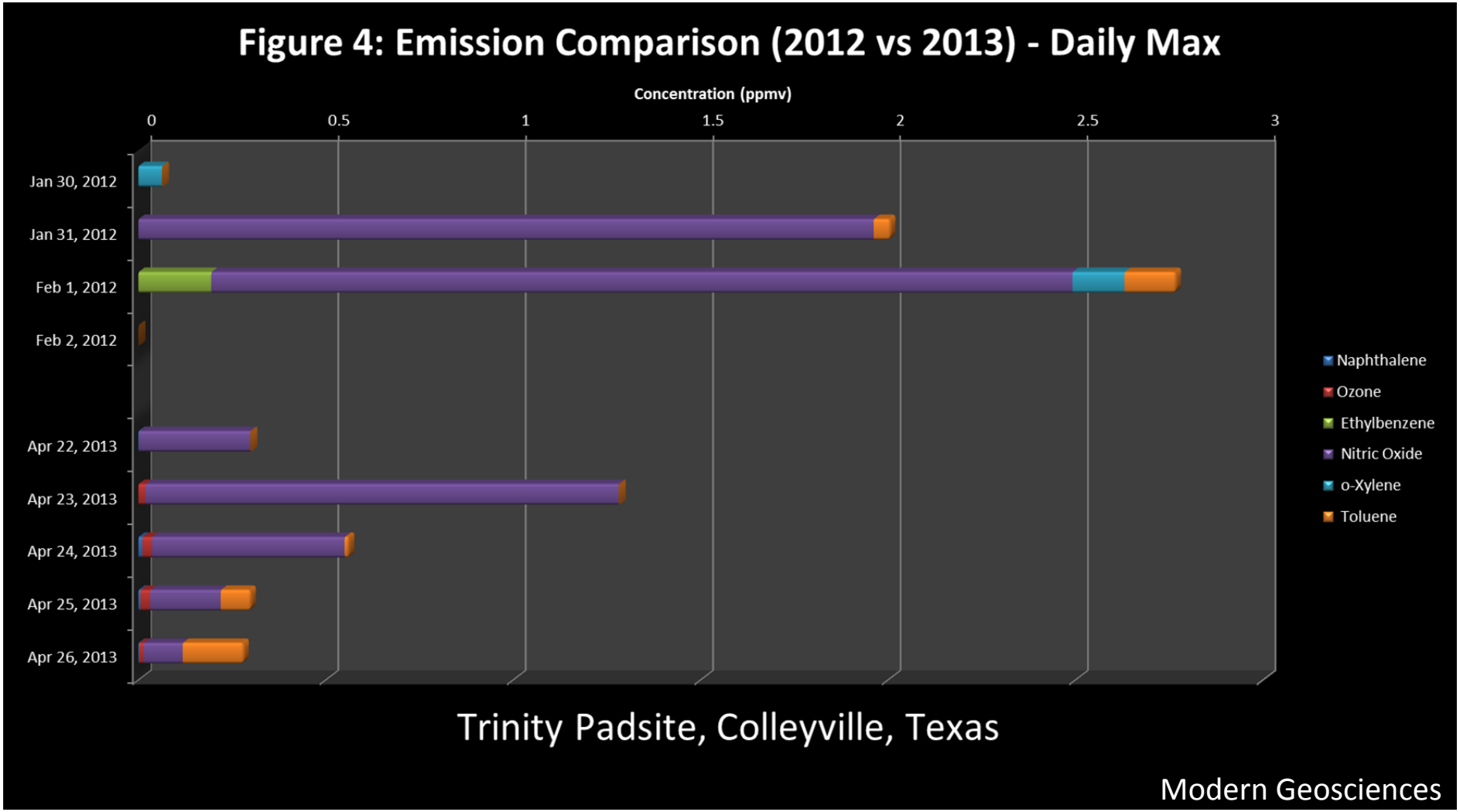
Figure 4: Emission Comparison (2012 vs 2013) - Daily Max
Concentration (ppmv)
0
0.5
1
1.5
2
2.5
3
Jan 30, 2012
Jan 31, 2012
Feb 1, 2012
Feb 2, 2012
Apr 22, 2013
Apr 23, 2013
Apr 24, 2013
Apr 25, 2013
Apr 26, 2013
Naphthalene
Ozone
Ethylbenzene
Nitric Oxide
o-Xylene
Toluene
Trinity Padsite, Colleyville, Texas
Modern Geosciences

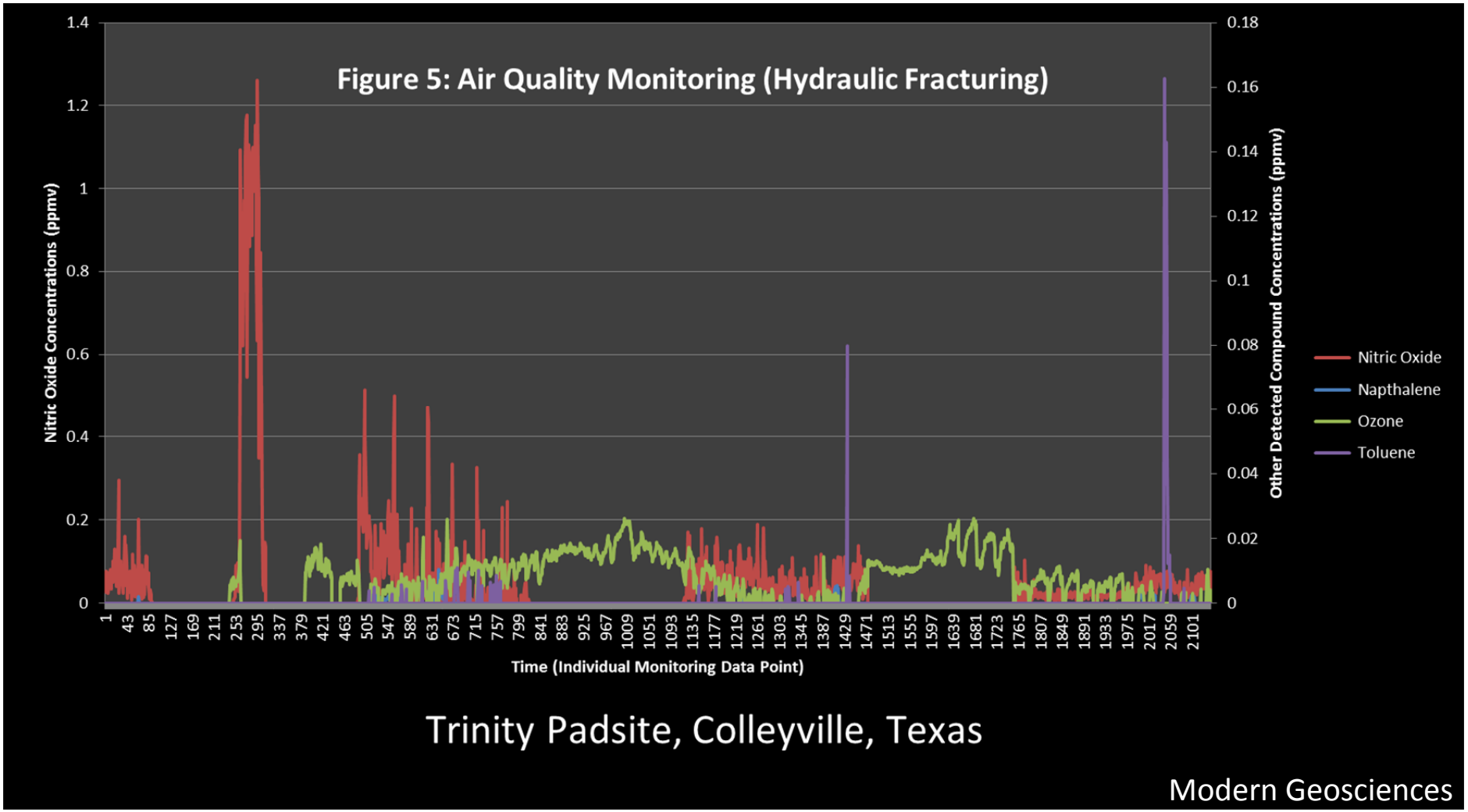
Figure 5: Air Quality Monitoring (Hydraulic Fracturing)
Nitric Oxide Concentrations (ppmv)
Other Detected Compound Concentrations (ppmv)
Time (Individual Monitoring Data Point)
Nitric Oxide
Napthalene
Ozone
Toluene
Trinity Padsite, Colleyville, Texas
Modern Geosciences

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APPENDIX A
Data Analysis Documentation

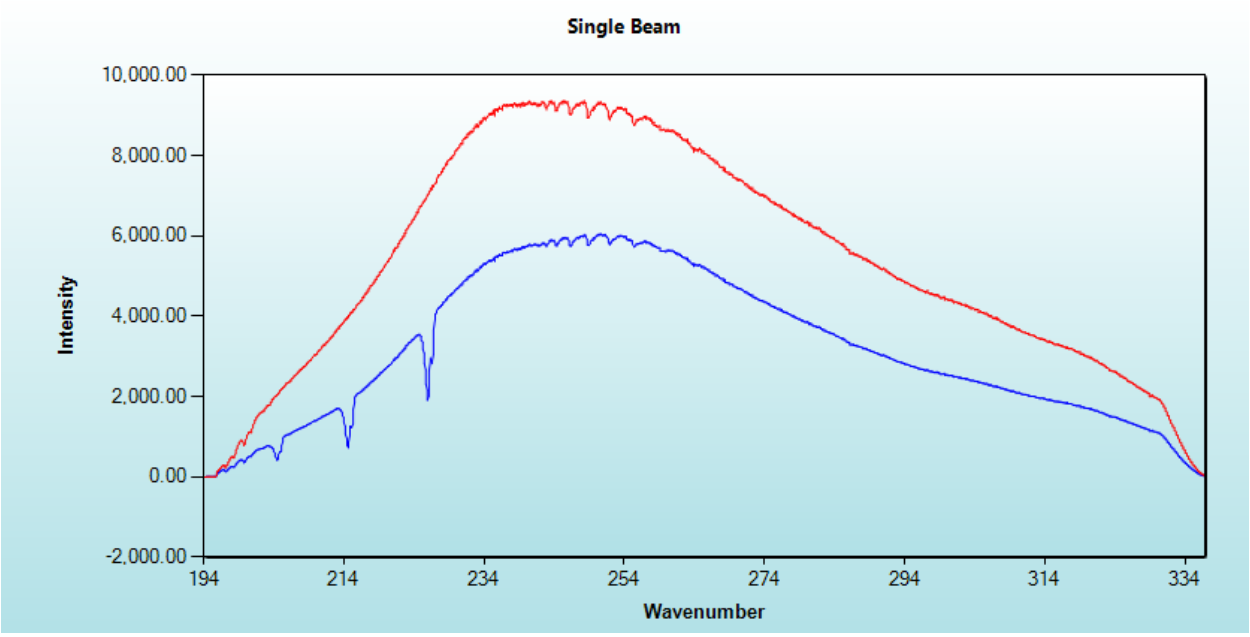

Exhibit 1 Example wavelength spectrum of OPM-1 (blue) and background spectrum (red). Impact from Oxygen can be noted at approximately 196 – 205 nm and 248 – 258 nm while impact from Nitric Oxide (NO) can be seen at 205, 215, and 226 nm.

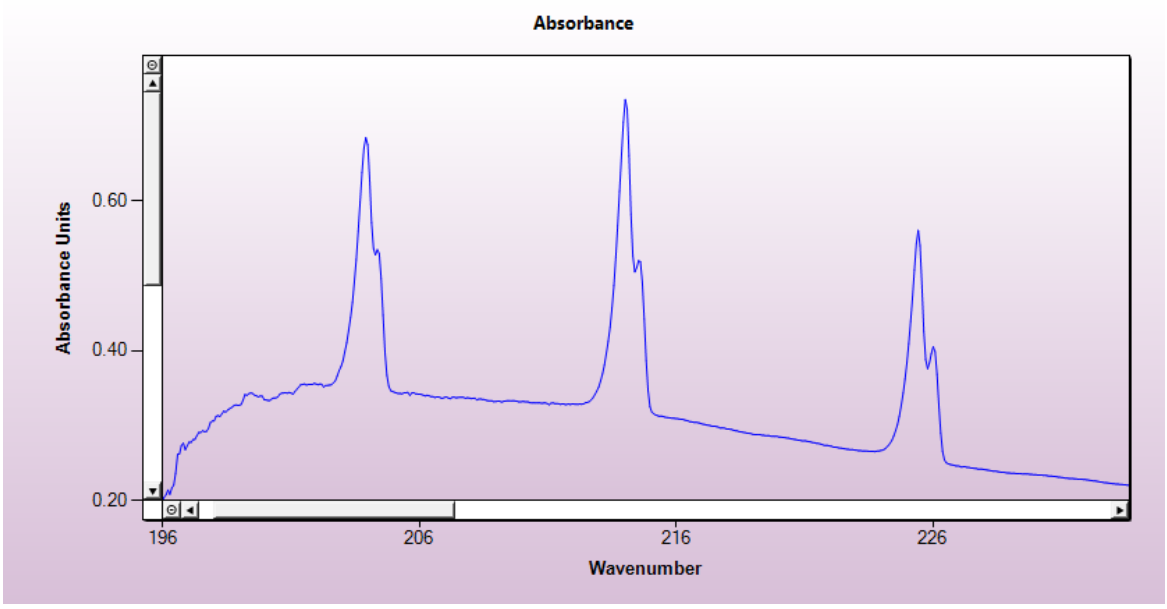

Exhibit 2 Example absorbance spectrum for OPM-1 vs background. The three sharp spikes at 205, 215, and 226 nm are from NO.

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Nitric Oxide Spectra

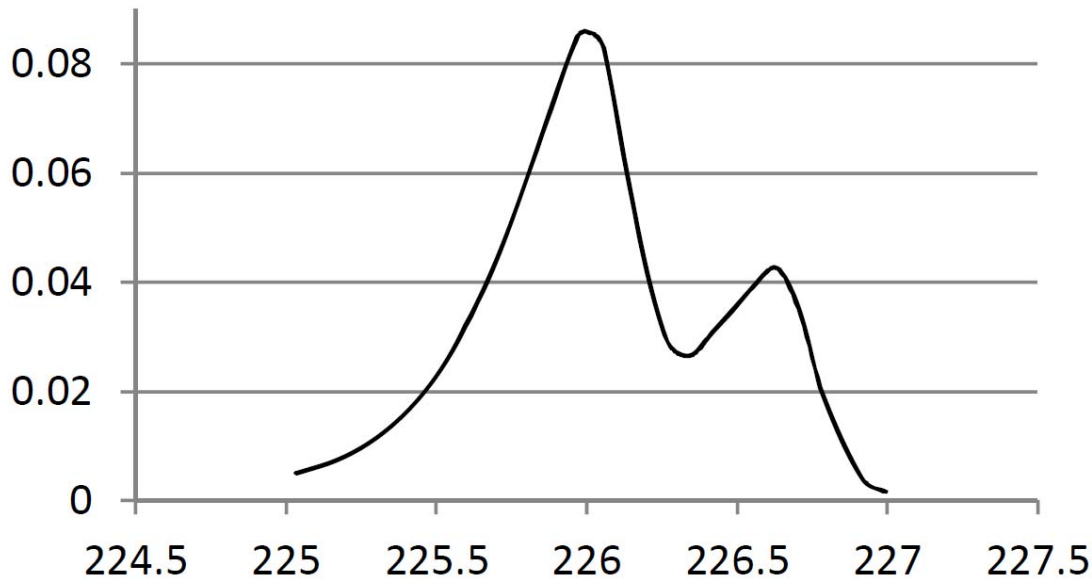

Exhibit 3 Example reference spectra for Nitric Oxide (NO) from approximately 262 nm to 270 nm.

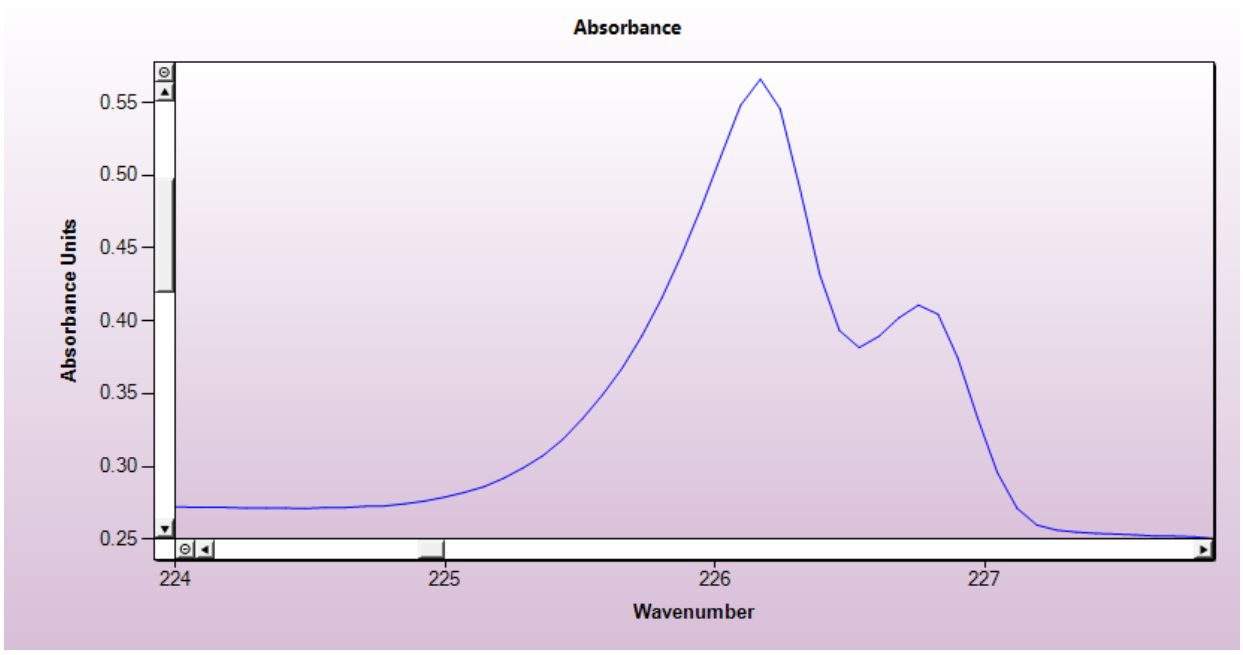

Exhibit 4 Spectra result from OPM-1 (April 23, 2013 at 11:39 AM) from approximately 224 to 228 nm. A strong correlation (1.0) to the NO reference was identified with an estimated concentration of 1.26 ppmv.

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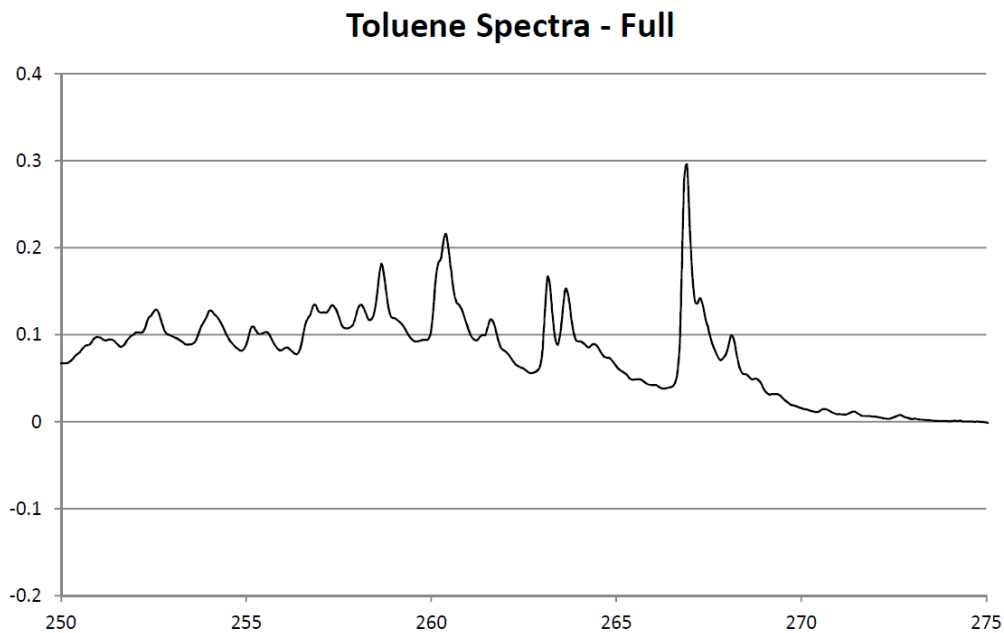

Exhibit 5 Example reference spectra for Toluene from approximately 250 nm to 275 nm.

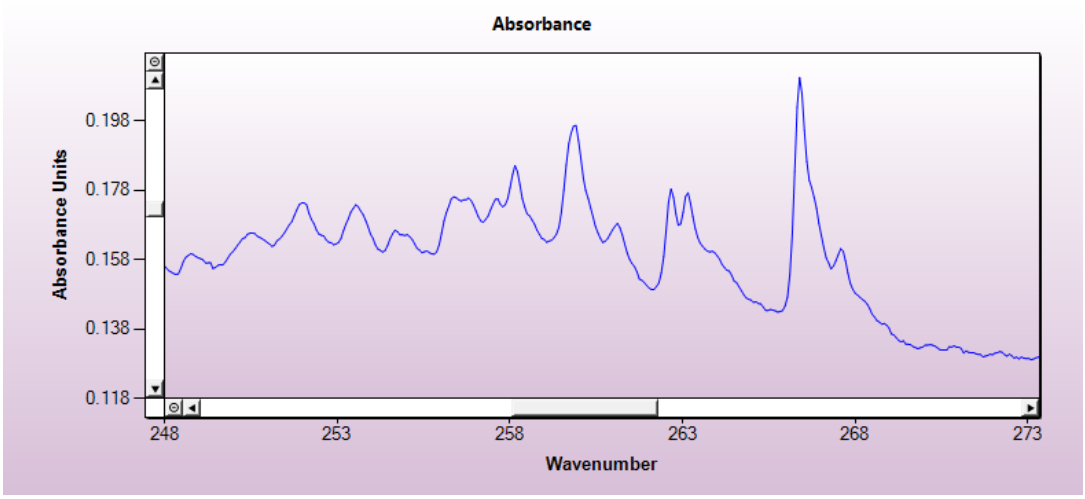

Exhibit 6 Spectra result from OPM-1 (April 26, 2013 at 12:37 PM) from approximately 250 nm to 270 nm. A strong correlation (0.9) to the toluene reference was identified with an estimated concentration of 0.163 ppmv. The rolling five minute average was 0.052 ppmv (12:35 PM to 12:40 PM).

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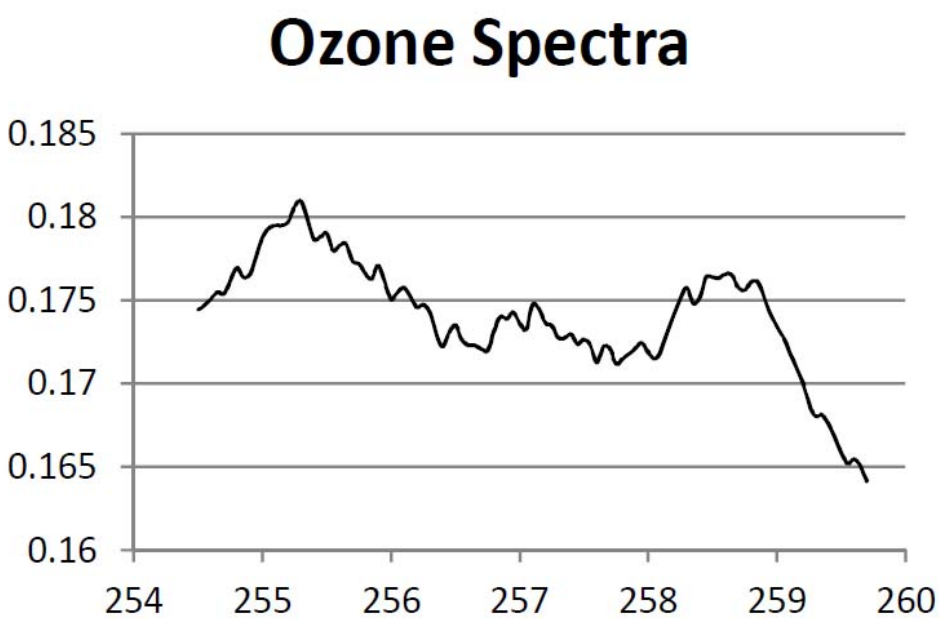

Exhibit 7 Example reference spectra for Ozone from approximately 254 nm to 260 nm.

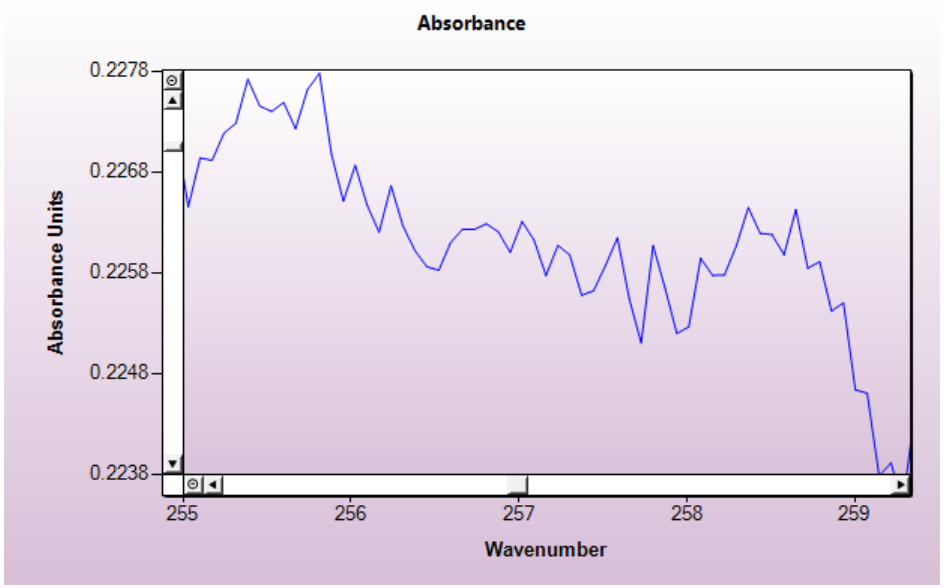

Exhibit 8 Spectra result from OPM-1 (April 24, 2013 at 11:08 PM) from approximately 255 nm to 260 nm. A strong correlation (0.8) to the Ozone reference was identified with an estimated concentration of 0.025 ppmv (consistent with background levels).

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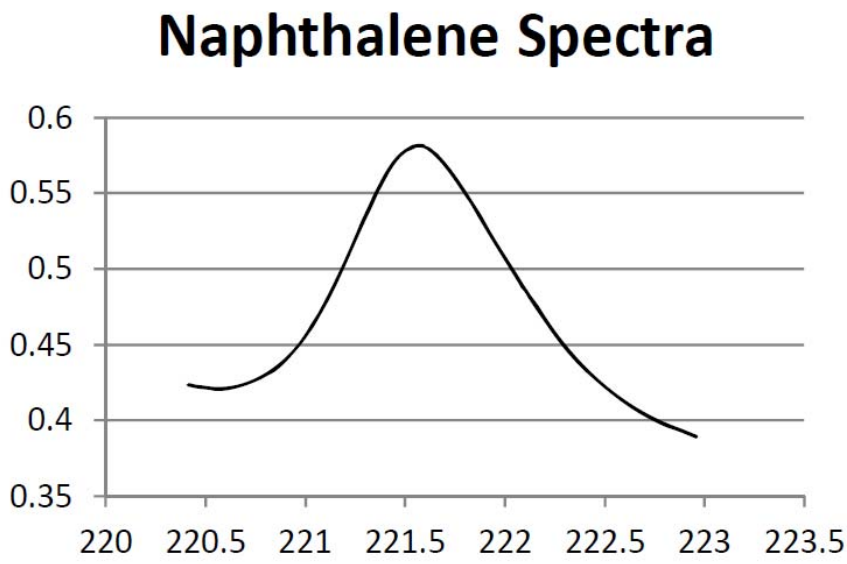

Exhibit 9 Example reference spectra for Naphthalene from approximately 220 nm to 223 nm.

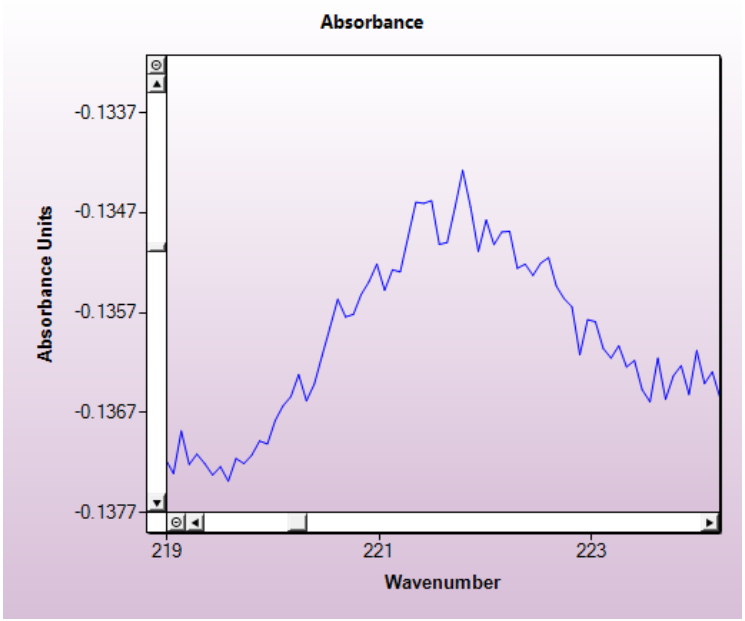

Exhibit 10 Spectra result from OPM-1 (April 25, 2013 at 1:43 PM) from approximately 220 nm to 224 nm. A moderate correlation (0.8) to the Naphthalene reference was identified with an estimated concentration of 0.004 ppmv.

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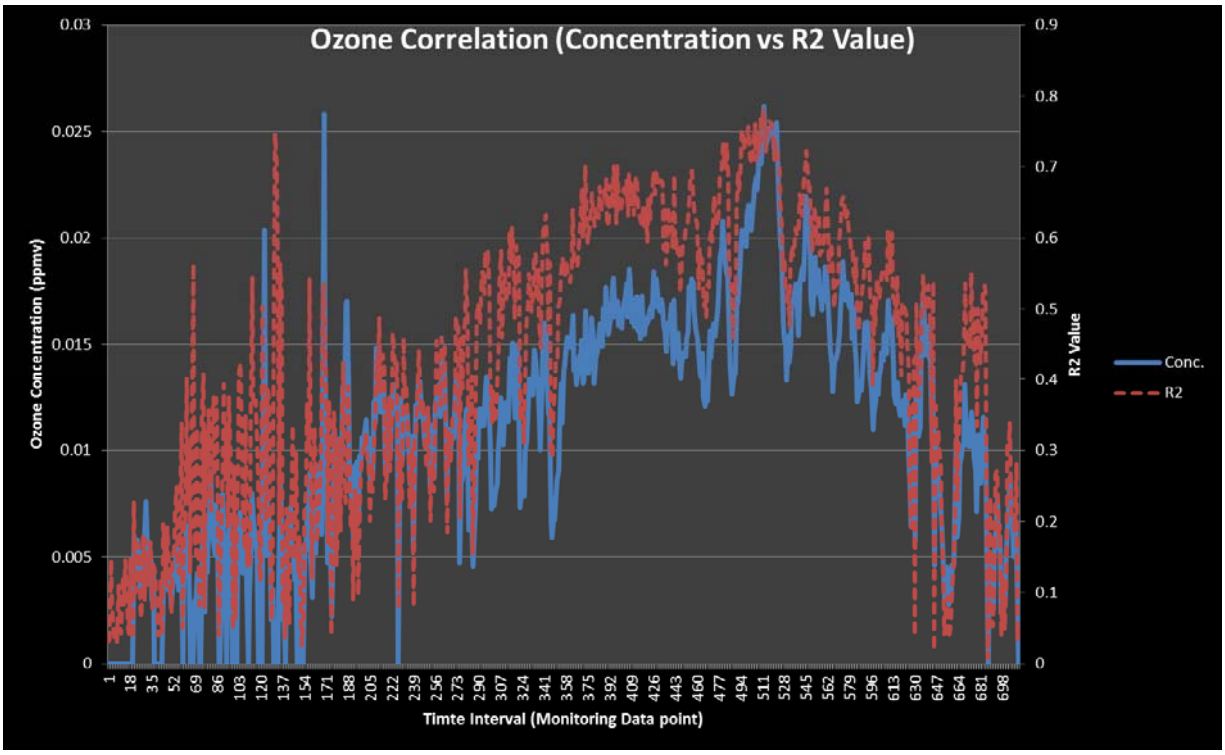

Exhibit 11 Example correlation between Ozone concentrations and Correlation Coefficient (R^2) during monitoring effort.

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APPENDIX B
Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION

Site: Titan Padsite, Colleyville, TX

Photo Date(s): April 22, 2013 through April 26, 2013

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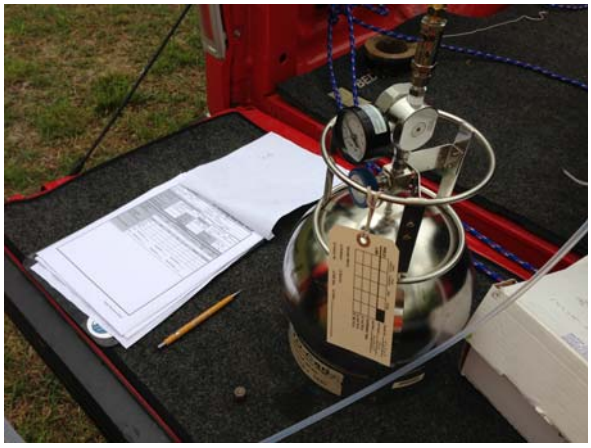
No. 1 View of the OPM setup and calibration prior to monitoring.

No. 2 View of the reflector alignment in the center of the wells and operating equipment.

No. 3 View from the reflector looking toward OPM transmitter during realignment of OPM-1.

No. 4 View of exterior monitoring activities.



No. 5 View of ambient air sampling container (AA-1) prior to QA/QC testing and deployment.

No. 6 View of interior monitoring activities. Current TSP value shown is 1.18 mg/m^3 during sand filling operations (visible dust).

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APPENDIX C
Laboratory Analytical Data Sheets and Chain of Custody Documentation

Analytical Report

Work Order: AWD0184

Project Description

TITAN

For:

Lisa Marinangel

MODERN GEOSCIENCES

1904 Industrial Blvd., Suite 107

Colleyville, TX 76034

Carl Skelley For Neal Salcher

Project Manager

CarlW.Skelley@testamericainc.com

Tuesday, May 7, 2013

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Persuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
14050 Summit Drive, Suite A100 Austin, TX 78728 * 512-244-0855 * Fax 512-244-0160

MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

May 07, 2013

LABORATORY REPORT

Client:
MODERN GEOSCIENCES
1904 Industrial Blvd., Suite 107
Colleyville, TX 76034
Attn: Lisa Marinangel

Work Order: AWD0184
Project Name: TITAN
Project Number: 13060
Date Received: 04/26/13

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 512-244-0855.

Analyses included in this report were performed by the laboratory shown at the top of this report unless otherwise indicated.

TITAN

This report contains results for the samples received under chain-of-custody by TestAmerica Laboratories, Inc. 4/26/2013 1:30:00 PM .

These samples are associated with your 13060 project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method specified acceptance criteria except where flagged on the result pages, noted on the C-O-C Addendum, and/or detailed in the case narrative.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

If you should have any questions, please feel free to contact me at carlw.skelley@testamericainc.com or (512) 310-5208.

Texas Certification Number: T104704217

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Approved By:

Carl W. Skelley

Carl Skelley For Neal Salcher
Project Manager

NELAP Certification # T104704217-10-6

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SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION	MATRIX	CONTAINER TYPE
AA-1	AWD0184-01	04/25/13 12:11	Air	Passivated Canister
AA-2	AWD0184-02	04/25/13 12:35	Air	Passivated Canister
AA-3	AWD0184-03	04/25/13 13:01	Air	Passivated Canister

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

ANALYTICAL REPORT

Sample ID: AWD0184-01 (AA-1 - Air) **Sampled: 04/25/13 12:11**

EPA TO15 - Volatile Organic Compounds by GC/MS

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Ethene	**0.526**	RA,J	ppbv	0.0874	0.980	4.9	05/01/13 14:57	VMSC	KDK	13E0002
Acetylene	**0.544**	RA,J	ppbv	0.139	0.980	4.9	05/01/13 14:57	VMSC	KDK	13E0002
Ethane	**4.32**	RA	ppbv	0.0685	0.980	4.9	05/01/13 14:57	VMSC	KDK	13E0002
Propylene	ND	U	ppbv	0.135	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Propane	**1.77**		ppbv	0.960	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Dichlorodifluoromethane	**0.500**	J	ppbv	0.115	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Chloromethane	**0.624**	J	ppbv	0.0705	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Isobutane	**0.176**	J	ppbv	0.124	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Vinyl chloride	ND	U	ppbv	0.142	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1-Butene/Isobutene	ND	U	ppbv	0.111	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,3-Butadiene	ND	U	ppbv	0.0931	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Butane	**0.486**	J	ppbv	0.0896	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
trans-2-Butene	ND	U	ppbv	0.102	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Bromomethane	ND	U	ppbv	0.155	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
cis-2-Butene	ND	U	ppbv	0.0857	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
3-Methyl-1-butene	ND	U	ppbv	0.109	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Isopentane	**0.365**	J	ppbv	0.0509	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Trichlorofluoromethane	**0.241**	J	ppbv	0.0696	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1-Pentene	ND	U	ppbv	0.0774	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
n-Pentane	**0.305**	J	ppbv	0.0656	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Isoprene	ND	U	ppbv	0.113	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
trans-2-Pentene	ND	U	ppbv	0.121	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,1-Dichloroethene	ND	U	ppbv	0.0588	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
cis-2-Pentene	ND	U	ppbv	0.150	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Methylene chloride	**0.0965**	J	ppbv	0.0896	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
2-Methyl-2-butene	ND	U	ppbv	0.186	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
2,2-Dimethylbutane	ND	U	ppbv	0.113	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Cyclopentene	ND	U	ppbv	0.125	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
4-Methyl-1-pentene	ND	U	ppbv	0.0936	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,1-Dichloroethane	ND	U	ppbv	0.0970	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Cyclopentane	ND	U	ppbv	0.113	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
2,3-Dimethylbutane	ND	U	ppbv	0.0960	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Isohexane	ND	U	ppbv	0.107	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
3-Methylpentane	ND	U	ppbv	0.115	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
2-Methyl-1-pentene	ND	U	ppbv	0.127	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1-Hexene	ND	U	ppbv	0.0916	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
cis-1,2-Dichloroethene	ND	U	ppbv	0.0887	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Hexane	ND	U	ppbv	0.107	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Chloroform	ND	U	ppbv	0.0808	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
trans-2-Hexene	ND	U	ppbv	0.0887	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122

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ANALYTICAL REPORT

Sample ID: AWD0184-01 (AA-1 - Air) - cont. **Sampled: 04/25/13 12:11**

EPA TO15 - Volatile Organic Compounds by GC/MS - cont.

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
cis-2-Hexene	ND	U	ppbv	0.0970	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Methylcyclopentane	ND	U	ppbv	0.0960	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,2-Dichloroethane	ND	U	ppbv	0.0681	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
2,4-Dimethylpentane	ND	U	ppbv	0.0896	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,1,1-Trichloroethane	ND	U	ppbv	0.0950	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Benzene	ND	U	ppbv	0.102	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Carbon tetrachloride	ND	U	ppbv	0.266	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Cyclohexane	ND	U	ppbv	0.121	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Isoheptane	ND	U	ppbv	0.0666	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
2,3-Dimethylpentane	ND	U	ppbv	0.0808	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
3-Methylhexane	ND	U	ppbv	0.0847	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,2-Dichloropropane	ND	U	ppbv	0.0779	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Trichloroethene	ND	U	ppbv	0.0661	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
2,2,4-Trimethylpentane	ND	U	ppbv	0.0965	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Heptane	ND	U	ppbv	0.0803	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
cis-1,3-Dichloropropene	ND	U	ppbv	0.103	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Methylcyclohexane	ND	U	ppbv	0.118	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
trans-1,3-Dichloropropene	ND	U	ppbv	0.147	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,1,2-Trichloroethane	ND	U	ppbv	0.0989	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
2,3,4-Trimethylpentane	ND	U	ppbv	0.0578	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Toluene	**0.233**	B, J	ppbv	0.0754	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
2-Methylheptane	ND	U	ppbv	0.0847	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
3-Methylheptane	ND	U	ppbv	0.0661	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,2-Dibromoethane (EDB)	ND	U	ppbv	0.0980	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
n-Octane	ND	U	ppbv	0.100	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Tetrachloroethene	ND	U	ppbv	0.0818	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Chlorobenzene	ND	U	ppbv	0.0710	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Ethylbenzene	ND	U	ppbv	0.137	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
m-Xylene & p-Xylene	ND	U	ppbv	0.301	1.96	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Styrene	ND	U	ppbv	0.262	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,1,2,2-Tetrachloroethane	ND	U	ppbv	0.317	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
o-Xylene	ND	U	ppbv	0.151	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
n-Nonane	ND	U	ppbv	0.140	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Isopropylbenzene	ND	U	ppbv	0.126	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
n-Propylbenzene	ND	U	ppbv	0.197	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
3-Ethyltoluene	ND	U	ppbv	0.180	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
4-Ethyltoluene	ND	U	ppbv	0.211	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,3,5-Trimethylbenzene	ND	U	ppbv	0.161	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
2-Ethyltoluene	ND	U	ppbv	0.155	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,2,4-Trimethylbenzene	ND	U	ppbv	0.181	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

ANALYTICAL REPORT

Sample ID: AWD0184-01 (AA-1 - Air) - cont. **Sampled: 04/25/13 12:11**

EPA TO15 - Volatile Organic Compounds by GC/MS - cont.

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
n-Decane	ND	U	ppbv	0.168	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,2,3-Trimethylbenzene	ND	U	ppbv	0.138	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,3-Diethylbenzene	ND	U	ppbv	0.240	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
1,4-Diethylbenzene	ND	U	ppbv	0.244	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
n-Undecane	ND	U	ppbv	0.123	0.980	4.9	05/01/13 02:33	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*90 %*						05/01/13 02:33	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*95 %*	*RA*					05/01/13 14:57	VMSC	KDK	13E0002
Surr: Fluorobenzene (46-118%)	*74 %*						05/01/13 02:33	GCMSR1	KRW	13D0122
Surr: Fluorobenzene (46-118%)	*90 %*	*RA*					05/01/13 14:57	VMSC	KDK	13E0002
Surr: Toluene-d8 (70-136%)	*106 %*						05/01/13 02:33	GCMSR1	KRW	13D0122
Surr: Toluene-d8 (70-136%)	*99 %*	*RA*					05/01/13 14:57	VMSC	KDK	13E0002
Surr: 1,4-Dichlorobutane (38-135%)	*101 %*						05/01/13 02:33	GCMSR1	KRW	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*84 %*	*RA*					05/01/13 14:57	VMSC	KDK	13E0002
Surr: 4-Bromofluorobenzene (51-128%)	*92 %*						05/01/13 02:33	GCMSR1	KRW	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*87 %*	*RA*					05/01/13 14:57	VMSC	KDK	13E0002

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MODERN GEOSCIENCES
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Colleyville, TX 76034
Lisa Marinangel

Work Order: AWD0184
Project: TITAN
Project Number: 13060

Received: 04/26/13 13:30
Reported: 05/07/13 17:40

ANALYTICAL REPORT

Sample ID: AWD0184-02 (AA-2 - Air) **Sampled: 04/25/13 12:35**

EPA TO15 - Volatile Organic Compounds by GC/MS

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Ethene	**0.546**	RA,J	ppbv	0.0884	0.991	4.96	05/01/13 16:06	VMSC	KDK	13E0002
Acetylene	**0.522**	RA,J	ppbv	0.141	0.991	4.96	05/01/13 16:06	VMSC	KDK	13E0002
Ethane	**4.55**	RA	ppbv	0.0693	0.991	4.96	05/01/13 16:06	VMSC	KDK	13E0002
Propylene	ND	U	ppbv	0.136	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Propane	**1.95**		ppbv	0.971	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Dichlorodifluoromethane	**0.558**	J	ppbv	0.116	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Chloromethane	**0.775**	J	ppbv	0.0714	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Isobutane	**0.714**	J	ppbv	0.126	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Vinyl chloride	ND	U	ppbv	0.144	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1-Butene/Isobutene	ND	U	ppbv	0.112	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,3-Butadiene	ND	U	ppbv	0.0941	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Butane	**0.525**	J	ppbv	0.0907	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
trans-2-Butene	ND	U	ppbv	0.103	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Bromomethane	ND	U	ppbv	0.157	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
cis-2-Butene	ND	U	ppbv	0.0867	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
3-Methyl-1-butene	ND	U	ppbv	0.110	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Isopentane	**0.616**	J	ppbv	0.0515	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Trichlorofluoromethane	**0.264**	J	ppbv	0.0704	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1-Pentene	ND	U	ppbv	0.0783	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
n-Pentane	**0.301**	J	ppbv	0.0664	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Isoprene	ND	U	ppbv	0.114	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
trans-2-Pentene	ND	U	ppbv	0.122	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,1-Dichloroethene	ND	U	ppbv	0.0595	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
cis-2-Pentene	ND	U	ppbv	0.152	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Methylene chloride	**0.133**	J	ppbv	0.0907	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
2-Methyl-2-butene	ND	U	ppbv	0.188	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
2,2-Dimethylbutane	ND	U	ppbv	0.114	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Cyclopentene	ND	U	ppbv	0.126	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
4-Methyl-1-pentene	ND	U	ppbv	0.0946	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,1-Dichloroethane	ND	U	ppbv	0.0981	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Cyclopentane	ND	U	ppbv	0.114	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
2,3-Dimethylbutane	ND	U	ppbv	0.0971	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Isohexane	ND	U	ppbv	0.108	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
3-Methylpentane	ND	U	ppbv	0.116	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
2-Methyl-1-pentene	ND	U	ppbv	0.128	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1-Hexene	ND	U	ppbv	0.0927	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
cis-1,2-Dichloroethene	ND	U	ppbv	0.0897	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Hexane	ND	U	ppbv	0.109	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Chloroform	ND	U	ppbv	0.0818	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
trans-2-Hexene	ND	U	ppbv	0.0897	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122

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ANALYTICAL REPORT

Sample ID: AWD0184-02 (AA-2 - Air) - cont. **Sampled: 04/25/13 12:35**

EPA TO15 - Volatile Organic Compounds by GC/MS - cont.

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
cis-2-Hexene	ND	U	ppbv	0.0981	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Methylcyclopentane	ND	U	ppbv	0.0971	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,2-Dichloroethane	ND	U	ppbv	0.0689	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
2,4-Dimethylpentane	ND	U	ppbv	0.0907	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,1,1-Trichloroethane	ND	U	ppbv	0.0961	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Benzene	**0.115**	J	ppbv	0.104	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Carbon tetrachloride	ND	U	ppbv	0.270	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Cyclohexane	ND	U	ppbv	0.123	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Isoheptane	ND	U	ppbv	0.0674	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
2,3-Dimethylpentane	ND	U	ppbv	0.0818	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
3-Methylhexane	ND	U	ppbv	0.0857	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,2-Dichloropropane	ND	U	ppbv	0.0788	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Trichloroethene	ND	U	ppbv	0.0669	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
2,2,4-Trimethylpentane	ND	U	ppbv	0.0976	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Heptane	ND	U	ppbv	0.0813	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
cis-1,3-Dichloropropene	ND	U	ppbv	0.105	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Methylcyclohexane	ND	U	ppbv	0.119	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
trans-1,3-Dichloropropene	ND	U	ppbv	0.149	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,1,2-Trichloroethane	ND	U	ppbv	0.100	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
2,3,4-Trimethylpentane	ND	U	ppbv	0.0585	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Toluene	**0.256**	J, B	ppbv	0.0763	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
2-Methylheptane	ND	U	ppbv	0.0857	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
3-Methylheptane	ND	U	ppbv	0.0669	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,2-Dibromoethane (EDB)	ND	U	ppbv	0.0991	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
n-Octane	ND	U	ppbv	0.102	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Tetrachloroethene	ND	U	ppbv	0.0828	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Chlorobenzene	ND	U	ppbv	0.0719	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Ethylbenzene	ND	U	ppbv	0.139	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
m-Xylene & p-Xylene	ND	U	ppbv	0.304	1.98	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Styrene	ND	U	ppbv	0.265	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,1,2,2-Tetrachloroethane	ND	U	ppbv	0.321	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
o-Xylene	ND	U	ppbv	0.153	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
n-Nonane	ND	U	ppbv	0.141	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Isopropylbenzene	ND	U	ppbv	0.128	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
n-Propylbenzene	ND	U	ppbv	0.200	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
3-Ethyltoluene	ND	U	ppbv	0.182	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
4-Ethyltoluene	ND	U	ppbv	0.213	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,3,5-Trimethylbenzene	ND	U	ppbv	0.163	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
2-Ethyltoluene	ND	U	ppbv	0.157	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,2,4-Trimethylbenzene	ND	U	ppbv	0.183	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122

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ANALYTICAL REPORT

Sample ID: AWD0184-02 (AA-2 - Air) - cont. **Sampled: 04/25/13 12:35**

EPA TO15 - Volatile Organic Compounds by GC/MS - cont.

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
n-Decane	ND	U	ppbv	0.169	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,2,3-Trimethylbenzene	ND	U	ppbv	0.139	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,3-Diethylbenzene	ND	U	ppbv	0.242	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
1,4-Diethylbenzene	ND	U	ppbv	0.247	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
n-Undecane	ND	U	ppbv	0.124	0.991	4.96	05/01/13 03:32	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*91 %*						05/01/13 03:32	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*96 %*	*RA*					05/01/13 16:06	VMSC	KDK	13E0002
Surr: Fluorobenzene (46-118%)	*72 %*						05/01/13 03:32	GCMSR1	KRW	13D0122
Surr: Fluorobenzene (46-118%)	*96 %*	*RA*					05/01/13 16:06	VMSC	KDK	13E0002
Surr: Toluene-d8 (70-136%)	*103 %*						05/01/13 03:32	GCMSR1	KRW	13D0122
Surr: Toluene-d8 (70-136%)	*98 %*	*RA*					05/01/13 16:06	VMSC	KDK	13E0002
Surr: 1,4-Dichlorobutane (38-135%)	*102 %*						05/01/13 03:32	GCMSR1	KRW	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*94 %*	*RA*					05/01/13 16:06	VMSC	KDK	13E0002
Surr: 4-Bromofluorobenzene (51-128%)	*93 %*						05/01/13 03:32	GCMSR1	KRW	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*93 %*	*RA*					05/01/13 16:06	VMSC	KDK	13E0002

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MODERN GEOSCIENCES
1904 Industrial Blvd., Suite 107
Colleyville, TX 76034
Lisa Marinangel

Work Order: AWD0184
Project: TITAN
Project Number: 13060

Received: 04/26/13 13:30
Reported: 05/07/13 17:40

ANALYTICAL REPORT

Sample ID: AWD0184-03 (AA-3 - Air) **Sampled: 04/25/13 13:01**

EPA TO15 - Volatile Organic Compounds by GC/MS

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Ethene	**0.564**	RA,J	ppbv	0.0898	1.01	5.03	05/01/13 17:09	VMSC	KDK	13E0002
Acetylene	**0.457**	RA,J	ppbv	0.143	1.01	5.03	05/01/13 17:09	VMSC	KDK	13E0002
Ethane	**4.14**	RA	ppbv	0.0704	1.01	5.03	05/01/13 17:09	VMSC	KDK	13E0002
Propylene	ND	U	ppbv	0.138	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Propane	**1.75**		ppbv	0.987	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Dichlorodifluoromethane	**0.511**	J	ppbv	0.118	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Chloromethane	**0.647**	J	ppbv	0.0725	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Isobutane	**0.171**	J	ppbv	0.128	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Vinyl chloride	ND	U	ppbv	0.146	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1-Butene/Isobutene	ND	U	ppbv	0.114	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,3-Butadiene	ND	U	ppbv	0.0956	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Butane	**0.484**	J	ppbv	0.0921	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
trans-2-Butene	ND	U	ppbv	0.105	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Bromomethane	ND	U	ppbv	0.160	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
cis-2-Butene	ND	U	ppbv	0.0881	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
3-Methyl-1-butene	ND	U	ppbv	0.112	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Isopentane	**0.377**	J	ppbv	0.0523	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Trichlorofluoromethane	**0.236**	J	ppbv	0.0715	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1-Pentene	ND	U	ppbv	0.0795	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
n-Pentane	**0.329**	J	ppbv	0.0674	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Isoprene	ND	U	ppbv	0.116	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
trans-2-Pentene	ND	U	ppbv	0.124	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,1-Dichloroethene	ND	U	ppbv	0.0604	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
cis-2-Pentene	ND	U	ppbv	0.154	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Methylene chloride	**0.0951**	J	ppbv	0.0921	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
2-Methyl-2-butene	ND	U	ppbv	0.191	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
2,2-Dimethylbutane	ND	U	ppbv	0.116	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Cyclopentene	ND	U	ppbv	0.128	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
4-Methyl-1-pentene	ND	U	ppbv	0.0961	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,1-Dichloroethane	ND	U	ppbv	0.0997	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Cyclopentane	ND	U	ppbv	0.116	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
2,3-Dimethylbutane	ND	U	ppbv	0.0987	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Isohexane	ND	U	ppbv	0.110	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
3-Methylpentane	ND	U	ppbv	0.118	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
2-Methyl-1-pentene	ND	U	ppbv	0.130	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1-Hexene	ND	U	ppbv	0.0941	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
cis-1,2-Dichloroethene	ND	U	ppbv	0.0911	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Hexane	ND	U	ppbv	0.110	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Chloroform	ND	U	ppbv	0.0830	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
trans-2-Hexene	ND	U	ppbv	0.0911	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

ANALYTICAL REPORT

Sample ID: AWD0184-03 (AA-3 - Air) - cont. **Sampled: 04/25/13 13:01**

EPA TO15 - Volatile Organic Compounds by GC/MS - cont.

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
cis-2-Hexene	ND	U	ppbv	0.0997	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Methylcyclopentane	ND	U	ppbv	0.0987	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,2-Dichloroethane	ND	U	ppbv	0.0700	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
2,4-Dimethylpentane	ND	U	ppbv	0.0921	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,1,1-Trichloroethane	ND	U	ppbv	0.0976	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Benzene	**0.109**	J	ppbv	0.105	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Carbon tetrachloride	ND	U	ppbv	0.274	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Cyclohexane	ND	U	ppbv	0.125	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Isoheptane	ND	U	ppbv	0.0685	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
2,3-Dimethylpentane	ND	U	ppbv	0.0830	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
3-Methylhexane	ND	U	ppbv	0.0871	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,2-Dichloropropane	ND	U	ppbv	0.0800	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Trichloroethene	ND	U	ppbv	0.0679	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
2,2,4-Trimethylpentane	ND	U	ppbv	0.0992	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Heptane	ND	U	ppbv	0.0825	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
cis-1,3-Dichloropropene	ND	U	ppbv	0.106	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Methylcyclohexane	ND	U	ppbv	0.121	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
trans-1,3-Dichloropropene	ND	U	ppbv	0.151	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,1,2-Trichloroethane	ND	U	ppbv	0.102	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
2,3,4-Trimethylpentane	ND	U	ppbv	0.0594	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Toluene	**0.194**	B, J	ppbv	0.0775	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
2-Methylheptane	ND	U	ppbv	0.0871	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
3-Methylheptane	ND	U	ppbv	0.0679	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,2-Dibromoethane (EDB)	ND	U	ppbv	0.101	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
n-Octane	ND	U	ppbv	0.103	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Tetrachloroethene	ND	U	ppbv	0.0841	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Chlorobenzene	ND	U	ppbv	0.0730	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Ethylbenzene	ND	U	ppbv	0.141	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
m-Xylene & p-Xylene	ND	U	ppbv	0.309	2.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Styrene	ND	U	ppbv	0.269	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,1,2,2-Tetrachloroethane	ND	U	ppbv	0.326	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
o-Xylene	ND	U	ppbv	0.155	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
n-Nonane	ND	U	ppbv	0.143	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Isopropylbenzene	ND	U	ppbv	0.130	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
n-Propylbenzene	ND	U	ppbv	0.203	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
3-Ethyltoluene	ND	U	ppbv	0.185	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
4-Ethyltoluene	ND	U	ppbv	0.216	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,3,5-Trimethylbenzene	ND	U	ppbv	0.166	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
2-Ethyltoluene	ND	U	ppbv	0.160	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,2,4-Trimethylbenzene	ND	U	ppbv	0.186	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

ANALYTICAL REPORT

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: AWD0184-03 (AA-3 - Air) - cont.							**Sampled: 04/25/13 13:01**			
EPA TO15 - Volatile Organic Compounds by GC/MS - cont.										
n-Decane	ND	U	ppbv	0.172	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,2,3-Trimethylbenzene	ND	U	ppbv	0.141	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,3-Diethylbenzene	ND	U	ppbv	0.246	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
1,4-Diethylbenzene	ND	U	ppbv	0.251	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
n-Undecane	ND	U	ppbv	0.126	1.01	5.03	05/01/13 04:32	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*93 %*						05/01/13 04:32	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*97 %*	*RA*					05/01/13 17:09	VMSC	KDK	13E0002
Surr: Fluorobenzene (46-118%)	*76 %*						05/01/13 04:32	GCMSR1	KRW	13D0122
Surr: Fluorobenzene (46-118%)	*90 %*	*RA*					05/01/13 17:09	VMSC	KDK	13E0002
Surr: Toluene-d8 (70-136%)	*107 %*						05/01/13 04:32	GCMSR1	KRW	13D0122
Surr: Toluene-d8 (70-136%)	*96 %*	*RA*					05/01/13 17:09	VMSC	KDK	13E0002
Surr: 1,4-Dichlorobutane (38-135%)	*101 %*						05/01/13 04:32	GCMSR1	KRW	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*91 %*	*RA*					05/01/13 17:09	VMSC	KDK	13E0002
Surr: 4-Bromofluorobenzene (51-128%)	*91 %*						05/01/13 04:32	GCMSR1	KRW	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*92 %*	*RA*					05/01/13 17:09	VMSC	KDK	13E0002

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Result	Data Qualifier	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: 13D0122-BLK1 (Blank - Air)										
EPA TO15 - Volatile Organic Compounds by GC/MS										
Propylene	ND	U	ppbv	0.0550	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Propane	ND	U	ppbv	0.392	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Dichlorodifluoromethane	ND	U	ppbv	0.0468	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Chloromethane	ND	U	ppbv	0.0288	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isobutane	ND	U	ppbv	0.0508	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Vinyl chloride	ND	U	ppbv	0.0580	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1-Butene/Isobutene	ND	U	ppbv	0.0454	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,3-Butadiene	ND	U	ppbv	0.0380	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Butane	ND	U	ppbv	0.0366	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
trans-2-Butene	ND	U	ppbv	0.0416	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Bromomethane	ND	U	ppbv	0.0634	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
cis-2-Butene	ND	U	ppbv	0.0350	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
3-Methyl-1-butene	ND	U	ppbv	0.0444	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isopentane	ND	U	ppbv	0.0208	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Trichlorofluoromethane	ND	U	ppbv	0.0284	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1-Pentene	ND	U	ppbv	0.0316	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Pentane	ND	U	ppbv	0.0268	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isoprene	ND	U	ppbv	0.0462	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
trans-2-Pentene	ND	U	ppbv	0.0494	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,1-Dichloroethene	ND	U	ppbv	0.0240	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
cis-2-Pentene	ND	U	ppbv	0.0612	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Methylene chloride	ND	U	ppbv	0.0366	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2-Methyl-2-butene	ND	U	ppbv	0.0758	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,2-Dimethylbutane	ND	U	ppbv	0.0462	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Cyclopentene	ND	U	ppbv	0.0510	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
trans-1,2-Dichloroethene	ND	U	ppbv	0.0514	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
4-Methyl-1-pentene	ND	U	ppbv	0.0382	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,1-Dichloroethane	ND	U	ppbv	0.0396	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Cyclopentane	ND	U	ppbv	0.0462	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,3-Dimethylbutane	ND	U	ppbv	0.0392	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Methyl tert-Butyl Ether	ND	U	ppbv	0.0438	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isohexane	ND	U	ppbv	0.0436	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
3-Methylpentane	ND	U	ppbv	0.0468	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2-Methyl-1-pentene	ND	U	ppbv	0.0518	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1-Hexene	ND	U	ppbv	0.0374	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
cis-1,2-Dichloroethene	ND	U	ppbv	0.0362	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Result	Data Qualifier	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: 13D0122-BLK1 (Blank - Air) - cont.										
EPA TO15 - Volatile Organic Compounds by GC/MS										
Hexane	ND	U	ppbv	0.0438	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Chloroform	ND	U	ppbv	0.0330	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
trans-2-Hexene	ND	U	ppbv	0.0362	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
cis-2-Hexene	ND	U	ppbv	0.0396	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Methylcyclopentane	ND	U	ppbv	0.0392	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2-Dichloroethane	ND	U	ppbv	0.0278	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,4-Dimethylpentane	ND	U	ppbv	0.0366	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,1,1-Trichloroethane	ND	U	ppbv	0.0388	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Benzene	ND	U	ppbv	0.0418	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Carbon tetrachloride	ND	U	ppbv	0.109	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Cyclohexane	ND	U	ppbv	0.0496	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isoheptane	ND	U	ppbv	0.0272	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,3-Dimethylpentane	ND	U	ppbv	0.0330	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
3-Methylhexane	ND	U	ppbv	0.0346	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2-Dichloropropane	ND	U	ppbv	0.0318	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Trichloroethene	ND	U	ppbv	0.0270	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,2,4-Trimethylpentane	ND	U	ppbv	0.0394	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Heptane	ND	U	ppbv	0.0328	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
cis-1,3-Dichloropropene	ND	U	ppbv	0.0422	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Methylcyclohexane	ND	U	ppbv	0.0480	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
trans-1,3-Dichloropropene	ND	U	ppbv	0.0602	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,1,2-Trichloroethane	ND	U	ppbv	0.0404	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,3,4-Trimethylpentane	ND	U	ppbv	0.0236	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Toluene	**0.0312**	**J**	ppbv	0.0308	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2-Methylheptane	ND	U	ppbv	0.0346	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
3-Methylheptane	ND	U	ppbv	0.0270	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2-Dibromoethane (EDB)	ND	U	ppbv	0.0400	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Octane	ND	U	ppbv	0.0410	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Tetrachloroethene	ND	U	ppbv	0.0334	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Chlorobenzene	ND	U	ppbv	0.0290	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Ethylbenzene	ND	U	ppbv	0.0560	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
m-Xylene & p-Xylene	ND	U	ppbv	0.123	0.800	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Styrene	ND	U	ppbv	0.107	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,1,2,2-Tetrachloroethane	ND	U	ppbv	0.129	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
o-Xylene	ND	U	ppbv	0.0616	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Nonane	ND	U	ppbv	0.0570	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Result	Data Qualifier	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: 13D0122-BLK1 (Blank - Air) - cont.										
EPA TO15 - Volatile Organic Compounds by GC/MS										
Isopropylbenzene	ND	U	ppbv	0.0516	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Propylbenzene	ND	U	ppbv	0.0806	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
3-Ethyltoluene	ND	U	ppbv	0.0734	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
4-Ethyltoluene	ND	U	ppbv	0.0860	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,3,5-Trimethylbenzene	ND	U	ppbv	0.0658	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2-Ethyltoluene	ND	U	ppbv	0.0634	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2,4-Trimethylbenzene	ND	U	ppbv	0.0738	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Decane	ND	U	ppbv	0.0684	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2,3-Trimethylbenzene	ND	U	ppbv	0.0562	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2-Dichlorobenzene	ND	U	ppbv	0.133	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,3-Diethylbenzene	ND	U	ppbv	0.0978	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,4-Diethylbenzene	ND	U	ppbv	0.0998	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Undecane	ND	U	ppbv	0.0502	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2,4-Trichlorobenzene	**0.123**	**J**	ppbv	0.0464	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*93%*						04/30/13 13:31	GCMSR1	KRW	13D0122
Surr: Fluorobenzene (46-118%)	*81%*						04/30/13 13:31	GCMSR1	KRW	13D0122
Surr: Toluene-d8 (70-136%)	*105%*						04/30/13 13:31	GCMSR1	KRW	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*98%*						04/30/13 13:31	GCMSR1	KRW	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*92%*						04/30/13 13:31	GCMSR1	KRW	13D0122
Sample ID: 13E0002-BLK1 (Blank - Air)										
EPA TO15 - Volatile Organic Compounds by GC/MS										
Ethene	ND	U	ppbv	0.0357	0.400	2.00	05/01/13 13:54	VMSC	KDK	13E0002
Acetylene	ND	U	ppbv	0.0569	0.400	2.00	05/01/13 13:54	VMSC	KDK	13E0002
Ethane	ND	U	ppbv	0.0280	0.400	2.00	05/01/13 13:54	VMSC	KDK	13E0002
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*98%*						05/01/13 13:54	VMSC	KDK	13E0002
Surr: Fluorobenzene (46-118%)	*93%*						05/01/13 13:54	VMSC	KDK	13E0002
Surr: Toluene-d8 (70-136%)	*101%*						05/01/13 13:54	VMSC	KDK	13E0002
Surr: 1,4-Dichlorobutane (38-135%)	*87%*						05/01/13 13:54	VMSC	KDK	13E0002
Surr: 4-Bromofluorobenzene (51-128%)	*90%*						05/01/13 13:54	VMSC	KDK	13E0002

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Calibration Check

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0122-CCV1 (Calibration Check - Air)											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Propylene	12.4		ppbv	0.400	2.00	10.9	114%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Propane	12.2		ppbv	0.400	2.00	10.7	114%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Dichlorodifluoromethane	9.84		ppbv	0.400	2.00	10.4	95%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Chloromethane	11.7		ppbv	0.400	2.00	10.5	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Isobutane	11.5		ppbv	0.400	2.00	10.7	108%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Vinyl chloride	10.1		ppbv	0.400	2.00	10.4	98%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1-Butene/Isobutene	11.7		ppbv	0.400	2.00	10.6	111%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,3-Butadiene	12.3		ppbv	0.400	2.00	11.0	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Butane	11.6		ppbv	0.400	2.00	10.6	110%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
trans-2-Butene	11.7		ppbv	0.400	2.00	10.5	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Bromomethane	9.62		ppbv	0.400	2.00	10.4	93%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
cis-2-Butene	12.7		ppbv	0.400	2.00	11.3	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
3-Methyl-1-butene	11.8		ppbv	0.400	2.00	11.5	103%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Isopentane	11.6		ppbv	0.400	2.00	10.8	107%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Trichlorofluoromethane	10.0		ppbv	0.400	2.00	10.8	93%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1-Pentene	12.9		ppbv	0.400	2.00	11.3	114%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Pentane	12.7		ppbv	0.400	2.00	11.2	113%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Isoprene	10.2		ppbv	0.400	2.00	11.0	92%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
trans-2-Pentene	11.7		ppbv	0.400	2.00	11.5	101%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,1-Dichloroethene	10.6		ppbv	0.400	2.00	10.9	97%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
cis-2-Pentene	11.5		ppbv	0.400	2.00	11.3	102%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Methylene chloride	11.9		ppbv	0.400	2.00	10.7	111%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2-Methyl-2-butene	11.9		ppbv	0.400	2.00	11.6	103%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,2-Dimethylbutane	12.3		ppbv	0.400	2.00	11.1	111%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Cyclopentene	10.2		ppbv	0.400	2.00	10.9	93%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
trans-1,2-Dichloroethene	10.9		ppbv	0.400	2.00	10.9	100%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
4-Methyl-1-pentene	13.1		ppbv	0.400	2.00	11.2	117%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,1-Dichloroethane	10.7		ppbv	0.400	2.00	11.1	97%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Cyclopentane	12.1		ppbv	0.400	2.00	11.1	109%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,3-Dimethylbutane	11.7		ppbv	0.400	2.00	11.0	106%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Methyl tert-Butyl Ether	10.2		ppbv	0.400	2.00	10.7	96%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Isohexane	12.4		ppbv	0.400	2.00	11.3	110%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
3-Methylpentane	11.0		ppbv	0.400	2.00	11.3	98%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2-Methyl-1-pentene	10.3		ppbv	0.400	2.00	11.1	93%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1-Hexene	12.2		ppbv	0.400	2.00	10.6	116%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
cis-1,2-Dichloroethene	10.5		ppbv	0.400	2.00	11.0	96%	70 - 130	GCMSR1	04/30/13 10:29	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Calibration Check - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0122-CCV1 (Calibration Check - Air) - cont.											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Hexane	11.0		ppbv	0.400	2.00	11.5	96%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Chloroform	10.1		ppbv	0.400	2.00	10.9	93%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
trans-2-Hexene	11.3		ppbv	0.400	2.00	11.4	100%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
cis-2-Hexene	10.4		ppbv	0.400	2.00	10.6	99%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Methylcyclopentane	10.5		ppbv	0.400	2.00	11.0	96%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,2-Dichloroethane	11.3		ppbv	0.400	2.00	11.1	102%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,4-Dimethylpentane	12.1		ppbv	0.400	2.00	11.2	108%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,1,1-Trichloroethane	10.5		ppbv	0.400	2.00	11.1	95%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Benzene	12.3		ppbv	0.400	2.00	11.2	110%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Carbon tetrachloride	**14.7**	**C8**	**ppbv**	**0.400**	**2.00**	**11.0**	**134%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
Cyclohexane	13.3		ppbv	0.400	2.00	11.5	116%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Isoheptane	14.4		ppbv	0.400	2.00	11.1	130%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,3-Dimethylpentane	13.3		ppbv	0.400	2.00	11.1	120%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
3-Methylhexane	14.1		ppbv	0.400	2.00	11.1	127%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,2-Dichloropropane	13.6		ppbv	0.400	2.00	11.1	123%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Trichloroethene	10.5		ppbv	0.400	2.00	10.6	100%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,2,4-Trimethylpentane	13.3		ppbv	0.400	2.00	11.1	120%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Heptane	12.4		ppbv	0.400	2.00	11.2	110%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
cis-1,3-Dichloropropene	12.4		ppbv	0.400	2.00	10.9	114%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Methylcyclohexane	12.1		ppbv	0.400	2.00	11.2	108%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
trans-1,3-Dichloropropene	14.0		ppbv	0.400	2.00	11.5	121%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,1,2-Trichloroethane	12.7		ppbv	0.400	2.00	11.2	114%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,3,4-Trimethylpentane	14.4		ppbv	0.400	2.00	11.3	127%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Toluene	12.8	B	ppbv	0.400	2.00	11.4	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2-Methylheptane	**14.8**	**C8**	**ppbv**	**0.400**	**2.00**	**11.2**	**132%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
3-Methylheptane	12.0		ppbv	0.400	2.00	11.2	107%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,2-Dibromoethane (EDB)	12.7		ppbv	0.400	2.00	11.3	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Octane	**14.9**	**C8**	**ppbv**	**0.400**	**2.00**	**11.2**	**133%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
Tetrachloroethene	11.3		ppbv	0.400	2.00	11.1	102%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Chlorobenzene	12.5		ppbv	0.400	2.00	11.3	111%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Ethylbenzene	13.4		ppbv	0.400	2.00	11.3	118%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
m-Xylene & p-Xylene	26.8		ppbv	0.800	2.00	22.2	121%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Styrene	13.3		ppbv	0.400	2.00	11.4	116%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,1,2,2-Tetrachloroethane	**14.6**	**C8**	**ppbv**	**0.400**	**2.00**	**11.2**	**131%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
o-Xylene	13.7		ppbv	0.400	2.00	11.2	123%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Nonane	**15.4**	**C8**	**ppbv**	**0.400**	**2.00**	**11.0**	**141%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Calibration Check - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0122-CCV1 (Calibration Check - Air) - cont.											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Isopropylbenzene	12.7		ppbv	0.400	2.00	10.7	119%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Propylbenzene	13.5		ppbv	0.400	2.00	10.8	126%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
3-Ethyltoluene	12.8		ppbv	0.400	2.00	10.5	122%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
4-Ethyltoluene	13.1		ppbv	0.400	2.00	10.6	124%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,3,5-Trimethylbenzene	13.5		ppbv	0.400	2.00	11.4	118%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2-Ethyltoluene	12.5		ppbv	0.400	2.00	10.4	120%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,2,4-Trimethylbenzene	13.7		ppbv	0.400	2.00	11.4	120%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Decane	**14.9**	**C8**	**ppbv**	**0.400**	**2.00**	**11.2**	**133%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
1,2,3-Trimethylbenzene	12.2		ppbv	0.400	2.00	10.3	119%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,2-Dichlorobenzene	13.4		ppbv	0.400	2.00	11.3	119%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,3-Diethylbenzene	12.5		ppbv	0.400	2.00	10.2	123%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,4-Diethylbenzene	12.6		ppbv	0.400	2.00	10.4	121%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Undecane	13.8		ppbv	0.400	2.00	10.4	134%	50 - 150	GCMSR1	04/30/13 10:29	13D0122
1,2,4-Trichlorobenzene	12.7	B	ppbv	0.400	2.00	11.4	111%	50 - 150	GCMSR1	04/30/13 10:29	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (70-130%)	*93%*								GCMSR1	04/30/13 10:29	13D0122
Surr: Fluorobenzene (70-130%)	*88%*								GCMSR1	04/30/13 10:29	13D0122
Surr: Toluene-d8 (70-130%)	*104%*								GCMSR1	04/30/13 10:29	13D0122
Surr: 1,4-Dichlorobutane (70-130%)	*113%*								GCMSR1	04/30/13 10:29	13D0122
Surr: 4-Bromofluorobenzene (70-130%)	*108%*								GCMSR1	04/30/13 10:29	13D0122
Sample ID: 13E0002-CCV1 (Calibration Check - Air)											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Ethene	10.3		ppbv	0.400	2.00	11.1	93%	70 - 130	VMSC	05/01/13 10:27	13E0002
Acetylene	8.23		ppbv	0.400	2.00	11.1	74%	70 - 130	VMSC	05/01/13 10:27	13E0002
Ethane	10.0		ppbv	0.400	2.00	11.1	90%	50 - 150	VMSC	05/01/13 10:27	13E0002
Surr: 2-Bromo-1,1,1-trifluoroethane (70-130%)	*96%*								VMSC	05/01/13 10:27	13E0002
Surr: Fluorobenzene (70-130%)	*107%*								VMSC	05/01/13 10:27	13E0002
Surr: Toluene-d8 (70-130%)	*106%*								VMSC	05/01/13 10:27	13E0002
Surr: 1,4-Dichlorobutane (70-130%)	*105%*								VMSC	05/01/13 10:27	13E0002
Surr: 4-Bromofluorobenzene (70-130%)	*99%*								VMSC	05/01/13 10:27	13E0002

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP1 (Duplicate - Air)									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Propylene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Propane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Dichlorodifluoromethane	**0.774**	**J**	**0.785**	ppbv	1	25	13D0122	AWD0177-15	04/30/13 19:33
Chloromethane	**0.555**	**J**	**0.522**	ppbv	6	25	13D0122	AWD0177-15	04/30/13 19:33
Isobutane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Vinyl chloride	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1-Butene/Isobutene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,3-Butadiene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Butane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
trans-2-Butene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Bromomethane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
cis-2-Butene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
3-Methyl-1-butene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Isopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Trichlorofluoromethane	**0.328**	**J**	**0.325**	ppbv	1	25	13D0122	AWD0177-15	04/30/13 19:33
1-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
n-Pentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Isoprene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
trans-2-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,1-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
cis-2-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Methylene chloride	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2-Methyl-2-butene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,2-Dimethylbutane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Cyclopentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
trans-1,2-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
4-Methyl-1-pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,1-Dichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Cyclopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,3-Dimethylbutane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Methyl tert-Butyl Ether	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Isohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
3-Methylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2-Methyl-1-pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP1 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
1-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
cis-1,2-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Hexane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Chloroform	**0.471**	**J**	**0.476**	ppbv	1	25	13D0122	AWD0177-15	04/30/13 19:33
trans-2-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
cis-2-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Methylcyclopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2-Dichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,4-Dimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,1,1-Trichloroethane	**0.166**	**J**	**0.161**	ppbv	3	25	13D0122	AWD0177-15	04/30/13 19:33
Benzene	ND	R4, U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Carbon tetrachloride	ND	R4, U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Cyclohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Isoheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,3-Dimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
3-Methylhexane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2-Dichloropropane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Trichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,2,4-Trimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Heptane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
cis-1,3-Dichloropropene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Methylcyclohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
trans-1,3-Dichloropropene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,1,2-Trichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,3,4-Trimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Toluene	**0.259**	**J, B**	**0.270**	ppbv	4	25	13D0122	AWD0177-15	04/30/13 19:33
2-Methylheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
3-Methylheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2-Dibromoethane (EDB)	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
n-Octane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Tetrachloroethene	**25.8**		**26.1**	ppbv	1	25	13D0122	AWD0177-15	04/30/13 19:33
Chlorobenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Ethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
m-Xylene & p-Xylene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP1 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Styrene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,1,2,2-Tetrachloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
o-Xylene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
n-Nonane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Isopropylbenzene	ND	U	ND	ppbv		50	13D0122	AWD0177-15	04/30/13 19:33
n-Propylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
3-Ethyltoluene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
4-Ethyltoluene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,3,5-Trimethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2-Ethyltoluene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2,4-Trimethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
n-Decane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2,3-Trimethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2-Dichlorobenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,3-Diethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,4-Diethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
n-Undecane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2,4-Trichlorobenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*91%*						13D0122		04/30/13 19:33
Surr: Fluorobenzene (46-118%)	*71%*						13D0122		04/30/13 19:33
Surr: Toluene-d8 (70-136%)	*106%*						13D0122		04/30/13 19:33
Surr: 1,4-Dichlorobutane (38-135%)	*96%*						13D0122		04/30/13 19:33
Surr: 4-Bromofluorobenzene (51-128%)	*88%*						13D0122		04/30/13 19:33
Sample ID: 13D0122-DUP2 (Duplicate - Air)									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Propylene	0.126	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Propane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Dichlorodifluoromethane	**1.20**		**1.17**	ppbv	2	25	13D0122	AWD0177-16	04/30/13 21:33
Chloromethane	**0.530**	**J**	**0.530**	ppbv	0.08	25	13D0122	AWD0177-16	04/30/13 21:33
Isobutane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Vinyl chloride	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP2 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
1-Butene/Isobutene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,3-Butadiene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Butane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
trans-2-Butene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Bromomethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
cis-2-Butene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
3-Methyl-1-butene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Isopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Trichlorofluoromethane	**0.178**	**J**	**0.174**	ppbv	2	25	13D0122	AWD0177-16	04/30/13 21:33
1-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
n-Pentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Isoprene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
trans-2-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,1-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
cis-2-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Methylene chloride	0.0902	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2-Methyl-2-butene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,2-Dimethylbutane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Cyclopentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
trans-1,2-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
4-Methyl-1-pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,1-Dichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Cyclopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,3-Dimethylbutane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Methyl tert-Butyl Ether	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Isohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
3-Methylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2-Methyl-1-pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
cis-1,2-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Hexane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Chloroform	**0.365**	**J**	**0.336**	ppbv	8	25	13D0122	AWD0177-16	04/30/13 21:33
trans-2-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
cis-2-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP2 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Methylcyclopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2-Dichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,4-Dimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,1,1-Trichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Benzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Carbon tetrachloride	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Cyclohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Isoheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,3-Dimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
3-Methylhexane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2-Dichloropropane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Trichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,2,4-Trimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Heptane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
cis-1,3-Dichloropropene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Methylcyclohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
trans-1,3-Dichloropropene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,1,2-Trichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,3,4-Trimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Toluene	**0.587**	**J, B**	**0.559**	ppbv	5	25	13D0122	AWD0177-16	04/30/13 21:33
2-Methylheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
3-Methylheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2-Dibromoethane (EDB)	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
n-Octane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Tetrachloroethene	**5.63**		**5.29**	ppbv	6	25	13D0122	AWD0177-16	04/30/13 21:33
Chlorobenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Ethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
m-Xylene & p-Xylene	ND	R4, U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Styrene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,1,2,2-Tetrachloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
o-Xylene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
n-Nonane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Isopropylbenzene	ND	U	ND	ppbv		50	13D0122	AWD0177-16	04/30/13 21:33
n-Propylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33

MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP2 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
3-Ethyltoluene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
4-Ethyltoluene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,3,5-Trimethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2-Ethyltoluene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2,4-Trimethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
n-Decane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2,3-Trimethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2-Dichlorobenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,3-Diethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,4-Diethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
n-Undecane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2,4-Trichlorobenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*93%*						13D0122		04/30/13 21:33
Surr: Fluorobenzene (46-118%)	*73%*						13D0122		04/30/13 21:33
Surr: Toluene-d8 (70-136%)	*103%*						13D0122		04/30/13 21:33
Surr: 1,4-Dichlorobutane (38-135%)	*99%*						13D0122		04/30/13 21:33
Surr: 4-Bromofluorobenzene (51-128%)	*89%*						13D0122		04/30/13 21:33
Sample ID: 13E0002-DUP1 (Duplicate - Air)									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Ethene	**0.609**	**J**	**0.592**	ppbv	3	25	13E0002	AWE0009-06RE1	05/02/13 1:32
Acetylene	**0.273**	**J**	**0.271**	ppbv	0.9	25	13E0002	AWE0009-06RE1	05/02/13 1:32
Ethane	**7.92**		**7.86**	ppbv	0.8	25	13E0002	AWE0009-06RE1	05/02/13 1:32
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*98%*						13E0002		05/02/13 1:32
Surr: Fluorobenzene (46-118%)	*103%*						13E0002		05/02/13 1:32
Surr: Toluene-d8 (70-136%)	*87%*						13E0002		05/02/13 1:32
Surr: 1,4-Dichlorobutane (38-135%)	*82%*						13E0002		05/02/13 1:32
Surr: 4-Bromofluorobenzene (51-128%)	*81%*						13E0002		05/02/13 1:32
Sample ID: 13E0002-DUP2 (Duplicate - Air)									
EPA TO15 - Volatile Organic Compounds by GC/MS									

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13E0002-DUP2 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Ethene	**0.811**	**J**	**0.750**	ppbv	8	25	13E0002	AWE0009-07RE1	05/02/13 3:37
Acetylene	**0.270**	**J**	**0.264**	ppbv	2	25	13E0002	AWE0009-07RE1	05/02/13 3:37
Ethane	**8.45**		**8.29**	ppbv	2	25	13E0002	AWE0009-07RE1	05/02/13 3:37
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*96%*						13E0002		05/02/13 3:37
Surr: Fluorobenzene (46-118%)	*95%*						13E0002		05/02/13 3:37
Surr: Toluene-d8 (70-136%)	*98%*						13E0002		05/02/13 3:37
Surr: 1,4-Dichlorobutane (38-135%)	*87%*						13E0002		05/02/13 3:37
Surr: 4-Bromofluorobenzene (51-128%)	*91%*						13E0002		05/02/13 3:37

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0122-BS1 (LCS - Air)											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Propylene	11.8		ppbv	0.400	2.00	10.8	110%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Propane	11.6		ppbv	0.400	2.00	10.7	109%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Dichlorodifluoromethane	10.5		ppbv	0.400	2.00	10.7	99%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Chloromethane	12.1		ppbv	0.400	2.00	10.9	111%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Isobutane	11.4		ppbv	0.400	2.00	10.7	107%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Vinyl chloride	11.1		ppbv	0.400	2.00	10.8	103%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1-Butene/Isobutene	11.3		ppbv	0.400	2.00	10.5	108%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,3-Butadiene	12.4		ppbv	0.400	2.00	11.0	113%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Butane	11.5		ppbv	0.400	2.00	10.7	108%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
trans-2-Butene	11.5		ppbv	0.400	2.00	10.4	110%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Bromomethane	10.1		ppbv	0.400	2.00	10.7	95%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
cis-2-Butene	12.4		ppbv	0.400	2.00	11.3	110%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
3-Methyl-1-butene	12.0		ppbv	0.400	2.00	11.0	110%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Isopentane	11.5		ppbv	0.400	2.00	11.2	103%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Trichlorofluoromethane	10.6		ppbv	0.400	2.00	11.2	95%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1-Pentene	13.2		ppbv	0.400	2.00	11.6	114%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Pentane	12.7		ppbv	0.400	2.00	11.2	113%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Isoprene	10.6		ppbv	0.400	2.00	11.1	96%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
trans-2-Pentene	11.5		ppbv	0.400	2.00	11.3	102%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,1-Dichloroethene	11.1		ppbv	0.400	2.00	11.3	98%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
cis-2-Pentene	11.6		ppbv	0.400	2.00	11.4	102%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Methylene chloride	12.3		ppbv	0.400	2.00	11.0	112%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
2-Methyl-2-butene	11.7		ppbv	0.400	2.00	11.8	99%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
trans-1,2-Dichloroethene	10.8		ppbv	0.400	2.00	11.1	98%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
4-Methyl-1-pentene	13.2		ppbv	0.400	2.00	11.1	120%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,1-Dichloroethane	10.9		ppbv	0.400	2.00	11.1	99%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Methyl tert-Butyl Ether	11.3		ppbv	0.400	2.00	11.2	101%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
cis-1,2-Dichloroethene	11.3		ppbv	0.400	2.00	11.3	100%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Hexane	10.8		ppbv	0.400	2.00	11.7	92%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Chloroform	10.7		ppbv	0.400	2.00	10.9	99%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
trans-2-Hexene	11.6		ppbv	0.400	2.00	11.5	101%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
cis-2-Hexene	10.6		ppbv	0.400	2.00	11.0	96%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2-Dichloroethane	11.6		ppbv	0.400	2.00	11.1	105%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,1,1-Trichloroethane	11.0		ppbv	0.400	2.00	11.1	100%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Benzene	13.0		ppbv	0.400	2.00	11.1	117%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Carbon tetrachloride	16.0		ppbv	0.400	2.00	12.2	132%	50 - 150	GCMSR1	04/30/13 11:30	13D0122

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PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0122-BS1 (LCS - Air) - cont.											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Cyclohexane	13.4		ppbv	0.400	2.00	11.3	118%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2-Dichloropropane	14.5		ppbv	0.400	2.00	11.2	130%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Trichloroethene	11.2		ppbv	0.400	2.00	11.3	99%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
2,2,4-Trimethylpentane	13.7		ppbv	0.400	2.00	11.2	123%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Heptane	12.5		ppbv	0.400	2.00	11.4	110%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
cis-1,3-Dichloropropene	14.1		ppbv	0.400	2.00	11.4	124%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
trans-1,3-Dichloropropene	13.9		ppbv	0.400	2.00	10.5	132%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,1,2-Trichloroethane	13.6		ppbv	0.400	2.00	11.3	120%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Toluene	13.3	B	ppbv	0.400	2.00	11.3	118%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2-Dibromoethane (EDB)	13.4		ppbv	0.400	2.00	11.3	119%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Octane	15.0		ppbv	0.400	2.00	11.2	134%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Tetrachloroethene	12.0		ppbv	0.400	2.00	10.5	113%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Chlorobenzene	13.2		ppbv	0.400	2.00	11.4	116%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Ethylbenzene	14.1		ppbv	0.400	2.00	11.3	125%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
m-Xylene & p-Xylene	28.4		ppbv	0.800	2.00	22.2	128%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Styrene	13.8		ppbv	0.400	2.00	11.4	121%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,1,2,2-Tetrachloroethane	15.2		ppbv	0.400	2.00	11.4	134%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
o-Xylene	14.4		ppbv	0.400	2.00	11.4	126%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Nonane	15.9		ppbv	0.400	2.00	11.1	144%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Isopropylbenzene	13.7		ppbv	0.400	2.00	11.0	125%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Propylbenzene	14.5		ppbv	0.400	2.00	10.9	134%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
4-Ethyltoluene	15.2		ppbv	0.400	2.00	11.6	131%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,3,5-Trimethylbenzene	13.9		ppbv	0.400	2.00	11.2	124%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2,4-Trimethylbenzene	14.5		ppbv	0.400	2.00	11.0	132%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Decane	15.5		ppbv	0.400	2.00	11.2	138%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2-Dichlorobenzene	13.6		ppbv	0.400	2.00	11.3	120%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Undecane	13.6		ppbv	0.400	2.00	11.1	123%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2,4-Trichlorobenzene	12.3	B	ppbv	0.400	2.00	11.3	109%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*93%*								GCMSR1	04/30/13 11:30	13D0122
Surr: Fluorobenzene (46-118%)	*87%*								GCMSR1	04/30/13 11:30	13D0122
Surr: Toluene-d8 (70-136%)	*100%*								GCMSR1	04/30/13 11:30	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*113%*								GCMSR1	04/30/13 11:30	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*106%*								GCMSR1	04/30/13 11:30	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13E0002-BS1 (LCS - Air)											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Ethene	9.65		ppbv	0.400	2.00	11.0	88%	50 - 150	VMSC	05/01/13 11:49	13E0002
Acetylene	10.7		ppbv	0.400	2.00	11.0	97%	50 - 150	VMSC	05/01/13 11:49	13E0002
Ethane	10.3		ppbv	0.400	2.00	11.0	94%	50 - 150	VMSC	05/01/13 11:49	13E0002
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*99%*								VMSC	05/01/13 11:49	13E0002
Surr: Fluorobenzene (46-118%)	*104%*								VMSC	05/01/13 11:49	13E0002
Surr: Toluene-d8 (70-136%)	*100%*								VMSC	05/01/13 11:49	13E0002
Surr: 1,4-Dichlorobutane (38-135%)	*108%*								VMSC	05/01/13 11:49	13E0002
Surr: 4-Bromofluorobenzene (51-128%)	*99%*								VMSC	05/01/13 11:49	13E0002

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PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	RPD	Limit	Date Analyzed	QC Batch
Sample ID: 13D0122-BSD1 (LCS Dup - Air)												
EPA TO15 - Volatile Organic Compounds by GC/MS												
Propylene	12.0		ppbv	0.400	2.00	10.8	112%	50 - 150	2	25	04/30/13 12:30	13D0122
Propane	11.8		ppbv	0.400	2.00	10.7	111%	50 - 150	1	25	04/30/13 12:30	13D0122
Dichlorodifluoromethane	10.7		ppbv	0.400	2.00	10.7	100%	50 - 150	1	25	04/30/13 12:30	13D0122
Chloromethane	12.4		ppbv	0.400	2.00	10.9	114%	50 - 150	2	25	04/30/13 12:30	13D0122
Isobutane	11.6		ppbv	0.400	2.00	10.7	109%	50 - 150	2	25	04/30/13 12:30	13D0122
Vinyl chloride	11.4		ppbv	0.400	2.00	10.8	106%	50 - 150	2	25	04/30/13 12:30	13D0122
1-Butene/Isobutene	11.7		ppbv	0.400	2.00	10.5	111%	50 - 150	3	25	04/30/13 12:30	13D0122
1,3-Butadiene	12.7		ppbv	0.400	2.00	11.0	116%	50 - 150	2	25	04/30/13 12:30	13D0122
Butane	11.7		ppbv	0.400	2.00	10.7	110%	50 - 150	1	25	04/30/13 12:30	13D0122
trans-2-Butene	11.7		ppbv	0.400	2.00	10.4	112%	50 - 150	2	25	04/30/13 12:30	13D0122
Bromomethane	10.4		ppbv	0.400	2.00	10.7	98%	50 - 150	4	25	04/30/13 12:30	13D0122
cis-2-Butene	12.7		ppbv	0.400	2.00	11.3	113%	50 - 150	2	25	04/30/13 12:30	13D0122
3-Methyl-1-butene	12.3		ppbv	0.400	2.00	11.0	112%	50 - 150	2	25	04/30/13 12:30	13D0122
Isopentane	11.8		ppbv	0.400	2.00	11.2	105%	50 - 150	2	25	04/30/13 12:30	13D0122
Trichlorofluoromethane	10.9		ppbv	0.400	2.00	11.2	97%	50 - 150	3	25	04/30/13 12:30	13D0122
1-Pentene	13.4		ppbv	0.400	2.00	11.6	116%	50 - 150	2	25	04/30/13 12:30	13D0122
n-Pentane	12.9		ppbv	0.400	2.00	11.2	116%	50 - 150	2	25	04/30/13 12:30	13D0122
Isoprene	10.8		ppbv	0.400	2.00	11.1	98%	50 - 150	2	25	04/30/13 12:30	13D0122
trans-2-Pentene	11.7		ppbv	0.400	2.00	11.3	104%	50 - 150	2	25	04/30/13 12:30	13D0122
1,1-Dichloroethene	11.5		ppbv	0.400	2.00	11.3	101%	50 - 150	3	25	04/30/13 12:30	13D0122
cis-2-Pentene	11.9		ppbv	0.400	2.00	11.4	104%	50 - 150	3	25	04/30/13 12:30	13D0122
Methylene chloride	12.5		ppbv	0.400	2.00	11.0	114%	50 - 150	2	25	04/30/13 12:30	13D0122
2-Methyl-2-butene	11.9		ppbv	0.400	2.00	11.8	101%	50 - 150	2	25	04/30/13 12:30	13D0122
trans-1,2-Dichloroethene	11.1		ppbv	0.400	2.00	11.1	100%	50 - 150	2	25	04/30/13 12:30	13D0122
4-Methyl-1-pentene	13.5		ppbv	0.400	2.00	11.1	122%	50 - 150	2	25	04/30/13 12:30	13D0122
1,1-Dichloroethane	11.2		ppbv	0.400	2.00	11.1	101%	50 - 150	3	25	04/30/13 12:30	13D0122
Methyl tert-Butyl Ether	11.4		ppbv	0.400	2.00	11.2	101%	50 - 150	0.7	25	04/30/13 12:30	13D0122
cis-1,2-Dichloroethene	11.5		ppbv	0.400	2.00	11.3	102%	50 - 150	2	25	04/30/13 12:30	13D0122
Hexane	11.0		ppbv	0.400	2.00	11.7	94%	50 - 150	2	25	04/30/13 12:30	13D0122
Chloroform	10.9		ppbv	0.400	2.00	10.9	101%	50 - 150	2	25	04/30/13 12:30	13D0122
trans-2-Hexene	11.8		ppbv	0.400	2.00	11.5	103%	50 - 150	2	25	04/30/13 12:30	13D0122
cis-2-Hexene	10.9		ppbv	0.400	2.00	11.0	99%	50 - 150	2	25	04/30/13 12:30	13D0122
1,2-Dichloroethane	11.8		ppbv	0.400	2.00	11.1	106%	50 - 150	1	25	04/30/13 12:30	13D0122
1,1,1-Trichloroethane	11.3		ppbv	0.400	2.00	11.1	102%	50 - 150	3	25	04/30/13 12:30	13D0122
Benzene	12.8		ppbv	0.400	2.00	11.1	116%	50 - 150	1	25	04/30/13 12:30	13D0122
Carbon tetrachloride	15.8		ppbv	0.400	2.00	12.2	130%	50 - 150	2	25	04/30/13 12:30	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	RPD	Limit	Date Analyzed	QC Batch
Sample ID: 13D0122-BSD1 (LCS Dup - Air) - cont.												
EPA TO15 - Volatile Organic Compounds by GC/MS												
Cyclohexane	13.2		ppbv	0.400	2.00	11.3	117%	50 - 150	1	25	04/30/13 12:30	13D0122
1,2-Dichloropropane	14.2		ppbv	0.400	2.00	11.2	127%	50 - 150	2	25	04/30/13 12:30	13D0122
Trichloroethene	11.0		ppbv	0.400	2.00	11.3	98%	50 - 150	2	25	04/30/13 12:30	13D0122
2,2,4-Trimethylpentane	13.4		ppbv	0.400	2.00	11.2	120%	50 - 150	2	25	04/30/13 12:30	13D0122
Heptane	12.4		ppbv	0.400	2.00	11.4	109%	50 - 150	0.9	25	04/30/13 12:30	13D0122
cis-1,3-Dichloropropene	13.8		ppbv	0.400	2.00	11.4	121%	50 - 150	3	25	04/30/13 12:30	13D0122
trans-1,3-Dichloropropene	13.4		ppbv	0.400	2.00	10.5	127%	50 - 150	3	25	04/30/13 12:30	13D0122
1,1,2-Trichloroethane	13.2		ppbv	0.400	2.00	11.3	117%	50 - 150	3	25	04/30/13 12:30	13D0122
Toluene	13.1	B	ppbv	0.400	2.00	11.3	116%	50 - 150	2	25	04/30/13 12:30	13D0122
1,2-Dibromoethane (EDB)	12.9		ppbv	0.400	2.00	11.3	114%	50 - 150	4	25	04/30/13 12:30	13D0122
n-Octane	14.7		ppbv	0.400	2.00	11.2	131%	50 - 150	3	25	04/30/13 12:30	13D0122
Tetrachloroethene	11.7		ppbv	0.400	2.00	10.5	111%	50 - 150	2	25	04/30/13 12:30	13D0122
Chlorobenzene	12.8		ppbv	0.400	2.00	11.4	112%	50 - 150	3	25	04/30/13 12:30	13D0122
Ethylbenzene	13.5		ppbv	0.400	2.00	11.3	120%	50 - 150	4	25	04/30/13 12:30	13D0122
m-Xylene & p-Xylene	27.2		ppbv	0.800	2.00	22.2	123%	50 - 150	4	25	04/30/13 12:30	13D0122
Styrene	13.2		ppbv	0.400	2.00	11.4	116%	50 - 150	4	25	04/30/13 12:30	13D0122
1,1,2,2-Tetrachloroethane	14.5		ppbv	0.400	2.00	11.4	127%	50 - 150	5	25	04/30/13 12:30	13D0122
o-Xylene	13.8		ppbv	0.400	2.00	11.4	121%	50 - 150	5	25	04/30/13 12:30	13D0122
n-Nonane	15.4		ppbv	0.400	2.00	11.1	139%	50 - 150	3	25	04/30/13 12:30	13D0122
Isopropylbenzene	13.2		ppbv	0.400	2.00	11.0	120%	50 - 150	4	50	04/30/13 12:30	13D0122
n-Propylbenzene	13.8		ppbv	0.400	2.00	10.9	127%	50 - 150	5	25	04/30/13 12:30	13D0122
4-Ethyltoluene	14.4		ppbv	0.400	2.00	11.6	124%	50 - 150	5	25	04/30/13 12:30	13D0122
1,3,5-Trimethylbenzene	13.4		ppbv	0.400	2.00	11.2	119%	50 - 150	4	25	04/30/13 12:30	13D0122
1,2,4-Trimethylbenzene	13.9		ppbv	0.400	2.00	11.0	126%	50 - 150	5	25	04/30/13 12:30	13D0122
n-Decane	14.9		ppbv	0.400	2.00	11.2	133%	50 - 150	4	25	04/30/13 12:30	13D0122
1,2-Dichlorobenzene	12.9		ppbv	0.400	2.00	11.3	114%	50 - 150	5	25	04/30/13 12:30	13D0122
n-Undecane	12.9		ppbv	0.400	2.00	11.1	117%	50 - 150	5	25	04/30/13 12:30	13D0122
1,2,4-Trichlorobenzene	11.6	B	ppbv	0.400	2.00	11.3	103%	50 - 150	5	25	04/30/13 12:30	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*93%*										04/30/13 12:30	13D0122
Surr: Fluorobenzene (46-118%)	*89%*										04/30/13 12:30	13D0122
Surr: Toluene-d8 (70-136%)	*101%*										04/30/13 12:30	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*112%*										04/30/13 12:30	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*105%*										04/30/13 12:30	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	RPD	Limit	Date Analyzed	QC Batch
Sample ID: 13E0002-BSD1 (LCS Dup - Air)												
EPA TO15 - Volatile Organic Compounds by GC/MS												
Ethene	10.7		ppbv	0.400	2.00	11.0	98%	50 - 150	11	25	05/01/13 12:52	13E0002
Acetylene	10.8		ppbv	0.400	2.00	11.0	99%	50 - 150	2	25	05/01/13 12:52	13E0002
Ethane	10.4		ppbv	0.400	2.00	11.0	95%	50 - 150	1	25	05/01/13 12:52	13E0002
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*98%*										05/01/13 12:52	13E0002
Surr: Fluorobenzene (46-118%)	*105%*										05/01/13 12:52	13E0002
Surr: Toluene-d8 (70-136%)	*101%*										05/01/13 12:52	13E0002
Surr: 1,4-Dichlorobutane (38-135%)	*104%*										05/01/13 12:52	13E0002
Surr: 4-Bromofluorobenzene (51-128%)	*98%*										05/01/13 12:52	13E0002

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: Project: Project Number:	AWD0184 TITAN 13060	Received: Reported:	04/26/13 13:30 05/07/13 17:40

CERTIFICATION SUMMARY

TestAmerica Austin

Method	Matrix	Nelac	Texas
TO-15	Air	X	X

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0184 Project: TITAN Project Number: 13060	Received: 04/26/13 13:30 Reported: 05/07/13 17:40	

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Austin does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
C8	Calibration Verification recovery was above the method control limit for this analyte. A high bias may be indicated.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
R4	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
RA	Results are from a second analysis of the sample.
U	Result less than sample specific method detection limit
ND	Not detected.

TestAmerica – Austin Laboratory Chain of Custody Addendum **Work Order Number** AWD0134

RECEIVED BY: RL. CLIENT: Modern Geosciences

DATE/TIME RECEIVED: 4/26/13 1330 PROJECT: Titan

UNPACKED DATE/TIME: 4/26/13 1340 LOGIN BY: [illegible] LOGIN REVIEWED BY: JNS

Number of Shipping Containers Received with COC: 1

VOC SAMPLES: ☑ YES **(IF YES, GO TO SECTIONS 1.0, 2.0, 6.0, & 7.0)**

1.0 CONTAINERS EXAMINED UPON RECEIPT: RL.

Container Sealed: ☑ YES ☐ NO Custody Seal Present: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: RL.

Canister Valves Closed: ☑ YES ☐ NO Canister Valves Capped: ☑ YES ☐ NO

Sample IDs match COC: ☑ YES ☐ NO Other Equipment Received: ☑ YES ☐ NO

Valve Cap Tightened Properly: ☑ YES ☐ NO Can Size: ☑ 6L ☐ 1L Other: _____

Packing Material Used: (circle) None / Absorbent / (Paper) / Bubble Wrap 3 - Flow Cont.

Samples received in Tedlar bags ☐ N/A ☐ YES ☑ NO

3.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** _____

Sample IDs match COC: ☐ YES ☐ NO Bottles received intact: ☐ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☐ NO Samples received from USDA restricted area: ☐ YES ☐ NO

Chain-of-Custody form properly maintained: ☐ YES ☐ NO VOA trip blanks included: ☐ N/A ☐ YES ☐ NO

4.0 SAMPLE TEMPERATURE UPON RECEIPT BY: _____ **IR THERMOMETER #:** ☐ P5 ☐ P7

Container(s) temperature: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor *[acceptable tolerance ≤6°C]*

TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF	TB ☐ SC ☐ Initial CF
Final	Final	Final	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☐ YES ☐ NO

5.0 PRESERVATION CHECKS

PRESERVATION OF SAMPLES REQUIRED: ☐ N/A ☐ YES ☐ VOA Samples **VERIFIED BY:** _____

NOTE: pH CHECK OF SAMPLES PERFORMED AT TIME OF ANALYSIS BY BENCH ANALYST

pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Cyanide samples checked for sulfides: ☐ YES ☐ NO

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Chlorine checked per specification (EPA 335.x & N.C.) ☐ YES ☐ NO Free chlorine present: ☐ YES ☐ NO

If preservation is outside acceptable limit, PM notified (_____PM) Date/Time: _____

Volatile samples filled completely: ☐ YES ☐ NO [if no, list ID and approx. amt. of headspace (>6mm) in Comments Section 7.0]

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

C of C. not relinquished.

8.0 CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

Project Management Login Review: Neal Sadler Date: 4/30/13

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE Revised 07/26/11

TestAmerica
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Canister Samples Chain of Custody Record

TestAmerica Austin
14050 Summit Dr.
Suite A-100
Austin, TX 78728
phone: 512-244-0855 fax: 512-244-0160

AWD0184

Client Contact Information	Project Manager: Kenneth Tramm		1 of 1 COCs
Company: Modern Geosciences	Phone: 817.371.5520	Samples Collected By: Kenneth Tramm	
Address: 1904 Industrial Blvd., Ste 107	Email: ktramm@moderngeosciences.com		
City/State/Zip Colleyville, TX	Site Contact:		
Phone: 817.223.1322	LAB Contact:		
FAX:	Analysis Turnaround Time		
Project Name: 13060 - Titan	~~Standard~~ (Specify) 10 day		
Site:	Rush (Specity)		
PO #			

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	TO-3	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
AA-1	4/24-4/25/13	1211	1211	30	9	7289097	5436	X												
AA-2	4/24-4/25/13	1235	1235	29	5	7343031	RA2090	X												
AA-3	4/24-4/25/13	1300	1301	33	11	7299378	5407	X												

NFE

Special Instructions/QC Requirements & Comments:

Please email results to ktramm@moderngeosciences.com

Samples Shipped by:	Date/Time: 4/25/13, 1400	Samples Received by: Fed Ex
Samples Relinquished by:	Date/Time:	Received by: [illegible] 4/26/13 1330
Relinquished by:	Date/Time:	Received by:

TAL-4143 (0608)

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

Analytical Report

Work Order: AWD0183

Project Description

TITAN

For:

Lisa Marinangel

MODERN GEOSCIENCES

1904 Industrial Blvd., Suite 107

Colleyville, TX 76034

Carl Skelley For Neal Salcher

Project Manager

CarlW.Skelley@testamericainc.com

Tuesday, May 7, 2013

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Persuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: Project: Project Number:	AWD0183 TITAN 13060		Received: Reported:	04/25/13 15:05 05/07/13 17:39

May 07, 2013

LABORATORY REPORT

Client: MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Attn: Lisa Marinangel		Work Order: Project Name: Project Number: Date Received:	AWD0183 TITAN 13060 04/25/13

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific sample(s) analyzed.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 512-244-0855.

Analyses included in this report were performed by the laboratory shown at the top of this report unless otherwise indicated.

TITAN

This report contains results for the samples received under chain-of-custody by TestAmerica Laboratories, Inc. 4/25/2013 3:05:00 PM .

These samples are associated with your 13060 project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method specified acceptance criteria except where flagged on the result pages, noted on the C-O-C Addendum, and/or detailed in the case narrative.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

If you should have any questions, please feel free to contact me at carlw.skelley@testamericainc.com or (512) 310-5208.

Texas Certification Number: T104704217

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: Project: Project Number:	AWD0183 TITAN 13060	Received: Reported:	04/25/13 15:05 05/07/13 17:39

Approved By:

Carl W. Skelley

Carl Skelley For Neal Salcher
Project Manager

NELAP Certification # T104704217-10-6

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION	MATRIX	CONTAINER TYPE
AA-1	AWD0183-01	04/24/13 12:08	Air	Passivated Canister
AA-2	AWD0183-02	04/24/13 12:29	Air	Passivated Canister
AA-3	AWD0183-03	04/24/13 12:50	Air	Passivated Canister

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MODERN GEOSCIENCES
1904 Industrial Blvd., Suite 107
Colleyville, TX 76034
Lisa Marinangel

Work Order: AWD0183
Project: TITAN
Project Number: 13060

Received: 04/25/13 15:05
Reported: 05/07/13 17:39

ANALYTICAL REPORT

Sample ID: AWD0183-01 (AA-1 - Air) **Sampled: 04/24/13 12:08**

EPA TO15 - Volatile Organic Compounds by GC/MS

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Ethene	**0.392**	RA,J	ppbv	0.150	1.68	8.39	04/29/13 15:03	VMSC	KDK	13D0117
Acetylene	ND	RA,U	ppbv	0.239	1.68	8.39	04/29/13 15:03	VMSC	KDK	13D0117
Ethane	**10.5**	RA	ppbv	0.117	1.68	8.39	04/29/13 15:03	VMSC	KDK	13D0117
Propylene	ND	U	ppbv	0.231	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Propane	**5.39**		ppbv	1.64	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Dichlorodifluoromethane	**0.512**	J	ppbv	0.196	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Chloromethane	**0.638**	J	ppbv	0.121	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Isobutane	**1.08**	J	ppbv	0.213	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Vinyl chloride	ND	U	ppbv	0.243	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1-Butene/Isobutene	ND	U	ppbv	0.190	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,3-Butadiene	ND	U	ppbv	0.159	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Butane	**1.79**		ppbv	0.154	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
trans-2-Butene	ND	U	ppbv	0.174	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Bromomethane	ND	U	ppbv	0.266	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
cis-2-Butene	ND	U	ppbv	0.147	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
3-Methyl-1-butene	ND	U	ppbv	0.186	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Isopentane	**0.850**	J	ppbv	0.0872	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Trichlorofluoromethane	**0.236**	J	ppbv	0.119	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1-Pentene	ND	U	ppbv	0.133	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
n-Pentane	**0.817**	J	ppbv	0.112	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Isoprene	ND	U	ppbv	0.194	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
trans-2-Pentene	ND	U	ppbv	0.207	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,1-Dichloroethene	ND	U	ppbv	0.101	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
cis-2-Pentene	ND	U	ppbv	0.257	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Methylene chloride	ND	U	ppbv	0.154	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
2-Methyl-2-butene	ND	U	ppbv	0.318	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
2,2-Dimethylbutane	ND	U	ppbv	0.194	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Cyclopentene	ND	U	ppbv	0.214	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
4-Methyl-1-pentene	ND	U	ppbv	0.160	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,1-Dichloroethane	ND	U	ppbv	0.166	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Cyclopentane	ND	U	ppbv	0.194	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
2,3-Dimethylbutane	ND	U	ppbv	0.164	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Isohexane	ND	U	ppbv	0.183	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
3-Methylpentane	ND	U	ppbv	0.196	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
2-Methyl-1-pentene	ND	U	ppbv	0.217	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1-Hexene	ND	U	ppbv	0.157	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
cis-1,2-Dichloroethene	ND	U	ppbv	0.152	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Hexane	ND	U	ppbv	0.184	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Chloroform	ND	U	ppbv	0.138	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
trans-2-Hexene	ND	U	ppbv	0.152	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

ANALYTICAL REPORT

Sample ID: AWD0183-01 (AA-1 - Air) - cont. **Sampled: 04/24/13 12:08**

EPA TO15 - Volatile Organic Compounds by GC/MS - cont.

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
cis-2-Hexene	ND	U	ppbv	0.166	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Methylcyclopentane	ND	U	ppbv	0.164	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,2-Dichloroethane	ND	U	ppbv	0.117	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
2,4-Dimethylpentane	ND	U	ppbv	0.154	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,1,1-Trichloroethane	ND	U	ppbv	0.163	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Benzene	ND	U	ppbv	0.175	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Carbon tetrachloride	ND	U	ppbv	0.456	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Cyclohexane	ND	U	ppbv	0.208	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Isoheptane	ND	U	ppbv	0.114	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
2,3-Dimethylpentane	ND	U	ppbv	0.138	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
3-Methylhexane	ND	U	ppbv	0.145	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,2-Dichloropropane	ND	U	ppbv	0.133	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Trichloroethene	ND	U	ppbv	0.113	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
2,2,4-Trimethylpentane	ND	U	ppbv	0.165	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Heptane	ND	U	ppbv	0.138	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
cis-1,3-Dichloropropene	ND	U	ppbv	0.177	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Methylcyclohexane	ND	U	ppbv	0.201	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
trans-1,3-Dichloropropene	ND	U	ppbv	0.253	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,1,2-Trichloroethane	ND	U	ppbv	0.169	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
2,3,4-Trimethylpentane	ND	U	ppbv	0.0990	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Toluene	**0.249**	J, B	ppbv	0.129	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
2-Methylheptane	ND	U	ppbv	0.145	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
3-Methylheptane	ND	U	ppbv	0.113	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,2-Dibromoethane (EDB)	ND	U	ppbv	0.168	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
n-Octane	ND	U	ppbv	0.172	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Tetrachloroethene	ND	U	ppbv	0.140	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Chlorobenzene	ND	U	ppbv	0.122	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Ethylbenzene	ND	U	ppbv	0.235	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
m-Xylene & p-Xylene	ND	U	ppbv	0.515	3.36	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Styrene	ND	U	ppbv	0.449	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,1,2,2-Tetrachloroethane	ND	U	ppbv	0.543	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
o-Xylene	ND	U	ppbv	0.258	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
n-Nonane	ND	U	ppbv	0.239	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Isopropylbenzene	ND	U	ppbv	0.216	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
n-Propylbenzene	ND	U	ppbv	0.338	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
3-Ethyltoluene	ND	U	ppbv	0.308	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
4-Ethyltoluene	ND	U	ppbv	0.361	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,3,5-Trimethylbenzene	ND	U	ppbv	0.276	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
2-Ethyltoluene	ND	U	ppbv	0.266	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,2,4-Trimethylbenzene	ND	U	ppbv	0.310	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122

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ANALYTICAL REPORT

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: AWD0183-01 (AA-1 - Air) - cont.							**Sampled: 04/24/13 12:08**			
EPA TO15 - Volatile Organic Compounds by GC/MS - cont.										
n-Decane	ND	U	ppbv	0.287	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,2,3-Trimethylbenzene	ND	U	ppbv	0.236	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,3-Diethylbenzene	ND	U	ppbv	0.410	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
1,4-Diethylbenzene	ND	U	ppbv	0.419	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
n-Undecane	ND	U	ppbv	0.211	1.68	8.39	04/30/13 23:33	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*90 %*						04/30/13 23:33	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*96 %*	*RA*					04/29/13 15:03	VMSC	KDK	13D0117
Surr: Fluorobenzene (46-118%)	*76 %*						04/30/13 23:33	GCMSR1	KRW	13D0122
Surr: Fluorobenzene (46-118%)	*97 %*	*RA*					04/29/13 15:03	VMSC	KDK	13D0117
Surr: Toluene-d8 (70-136%)	*107 %*						04/30/13 23:33	GCMSR1	KRW	13D0122
Surr: Toluene-d8 (70-136%)	*98 %*	*RA*					04/29/13 15:03	VMSC	KDK	13D0117
Surr: 1,4-Dichlorobutane (38-135%)	*102 %*						04/30/13 23:33	GCMSR1	KRW	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*88 %*	*RA*					04/29/13 15:03	VMSC	KDK	13D0117
Surr: 4-Bromofluorobenzene (51-128%)	*92 %*						04/30/13 23:33	GCMSR1	KRW	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*88 %*	*RA*					04/29/13 15:03	VMSC	KDK	13D0117

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ANALYTICAL REPORT

Sample ID: AWD0183-02 (AA-2 - Air) **Sampled: 04/24/13 12:29**

EPA TO15 - Volatile Organic Compounds by GC/MS

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Ethene	**0.326**	RA,J	ppbv	0.0858	0.962	4.81	04/29/13 16:06	VMSC	KDK	13D0117
Acetylene	**0.361**	RA,J	ppbv	0.137	0.962	4.81	04/29/13 16:06	VMSC	KDK	13D0117
Ethane	**9.71**	RA	ppbv	0.0673	0.962	4.81	04/29/13 16:06	VMSC	KDK	13D0117
Propylene	ND	U	ppbv	0.132	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Propane	**5.32**		ppbv	0.943	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Dichlorodifluoromethane	**0.518**	J	ppbv	0.113	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Chloromethane	**0.662**	J	ppbv	0.0693	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Isobutane	**1.17**		ppbv	0.122	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Vinyl chloride	ND	U	ppbv	0.139	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1-Butene/Isobutene	ND	U	ppbv	0.109	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,3-Butadiene	ND	U	ppbv	0.0914	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Butane	**1.80**		ppbv	0.0880	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
trans-2-Butene	ND	U	ppbv	0.100	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Bromomethane	ND	U	ppbv	0.152	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
cis-2-Butene	ND	U	ppbv	0.0842	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
3-Methyl-1-butene	ND	U	ppbv	0.107	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Isopentane	**0.903**	J	ppbv	0.0500	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Trichlorofluoromethane	**0.242**	J	ppbv	0.0683	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1-Pentene	ND	U	ppbv	0.0760	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
n-Pentane	**0.801**	J	ppbv	0.0644	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Isoprene	ND	U	ppbv	0.111	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
trans-2-Pentene	ND	U	ppbv	0.119	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,1-Dichloroethene	ND	U	ppbv	0.0577	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
cis-2-Pentene	ND	U	ppbv	0.147	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Methylene chloride	**0.102**	J	ppbv	0.0880	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
2-Methyl-2-butene	ND	U	ppbv	0.182	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
2,2-Dimethylbutane	ND	U	ppbv	0.111	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Cyclopentene	ND	U	ppbv	0.123	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
4-Methyl-1-pentene	ND	U	ppbv	0.0919	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,1-Dichloroethane	ND	U	ppbv	0.0952	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Cyclopentane	ND	U	ppbv	0.111	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
2,3-Dimethylbutane	ND	U	ppbv	0.0943	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Isohexane	**0.149**	J	ppbv	0.105	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
3-Methylpentane	ND	U	ppbv	0.113	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
2-Methyl-1-pentene	ND	U	ppbv	0.125	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1-Hexene	ND	U	ppbv	0.0899	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
cis-1,2-Dichloroethene	ND	U	ppbv	0.0871	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Hexane	**0.139**	J	ppbv	0.105	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Chloroform	ND	U	ppbv	0.0794	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
trans-2-Hexene	ND	U	ppbv	0.0871	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

ANALYTICAL REPORT

Sample ID: AWD0183-02 (AA-2 - Air) - cont. **Sampled: 04/24/13 12:29**

EPA TO15 - Volatile Organic Compounds by GC/MS - cont.

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
cis-2-Hexene	ND	U	ppbv	0.0952	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Methylcyclopentane	ND	U	ppbv	0.0943	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,2-Dichloroethane	ND	U	ppbv	0.0669	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
2,4-Dimethylpentane	ND	U	ppbv	0.0880	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,1,1-Trichloroethane	ND	U	ppbv	0.0933	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Benzene	ND	U	ppbv	0.101	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Carbon tetrachloride	ND	U	ppbv	0.262	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Cyclohexane	ND	U	ppbv	0.119	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Isoheptane	ND	U	ppbv	0.0654	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
2,3-Dimethylpentane	ND	U	ppbv	0.0794	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
3-Methylhexane	ND	U	ppbv	0.0832	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,2-Dichloropropane	ND	U	ppbv	0.0765	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Trichloroethene	ND	U	ppbv	0.0649	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
2,2,4-Trimethylpentane	ND	U	ppbv	0.0947	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Heptane	ND	U	ppbv	0.0789	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
cis-1,3-Dichloropropene	ND	U	ppbv	0.101	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Methylcyclohexane	ND	U	ppbv	0.115	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
trans-1,3-Dichloropropene	ND	U	ppbv	0.145	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,1,2-Trichloroethane	ND	U	ppbv	0.0971	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
2,3,4-Trimethylpentane	ND	U	ppbv	0.0568	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Toluene	**0.216**	B, J	ppbv	0.0741	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
2-Methylheptane	ND	U	ppbv	0.0832	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
3-Methylheptane	ND	U	ppbv	0.0649	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,2-Dibromoethane (EDB)	ND	U	ppbv	0.0962	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
n-Octane	ND	U	ppbv	0.0986	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Tetrachloroethene	ND	U	ppbv	0.0803	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Chlorobenzene	ND	U	ppbv	0.0697	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Ethylbenzene	ND	U	ppbv	0.135	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
m-Xylene & p-Xylene	ND	U	ppbv	0.295	1.92	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Styrene	ND	U	ppbv	0.257	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,1,2,2-Tetrachloroethane	ND	U	ppbv	0.311	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
o-Xylene	ND	U	ppbv	0.148	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
n-Nonane	ND	U	ppbv	0.137	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Isopropylbenzene	ND	U	ppbv	0.124	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
n-Propylbenzene	ND	U	ppbv	0.194	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
3-Ethyltoluene	ND	U	ppbv	0.177	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
4-Ethyltoluene	ND	U	ppbv	0.207	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,3,5-Trimethylbenzene	ND	U	ppbv	0.158	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
2-Ethyltoluene	ND	U	ppbv	0.152	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,2,4-Trimethylbenzene	ND	U	ppbv	0.177	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

ANALYTICAL REPORT

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: AWD0183-02 (AA-2 - Air) - cont.							**Sampled: 04/24/13 12:29**			
EPA TO15 - Volatile Organic Compounds by GC/MS - cont.										
n-Decane	ND	U	ppbv	0.164	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,2,3-Trimethylbenzene	ND	U	ppbv	0.135	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,3-Diethylbenzene	ND	U	ppbv	0.235	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
1,4-Diethylbenzene	ND	U	ppbv	0.240	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
n-Undecane	ND	U	ppbv	0.121	0.962	4.81	05/01/13 00:33	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*92 %*						05/01/13 00:33	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*95 %*	*RA*					04/29/13 16:06	VMSC	KDK	13D0117
Surr: Fluorobenzene (46-118%)	*76 %*						05/01/13 00:33	GCMSR1	KRW	13D0122
Surr: Fluorobenzene (46-118%)	*90 %*	*RA*					04/29/13 16:06	VMSC	KDK	13D0117
Surr: Toluene-d8 (70-136%)	*107 %*						05/01/13 00:33	GCMSR1	KRW	13D0122
Surr: Toluene-d8 (70-136%)	*99 %*	*RA*					04/29/13 16:06	VMSC	KDK	13D0117
Surr: 1,4-Dichlorobutane (38-135%)	*101 %*						05/01/13 00:33	GCMSR1	KRW	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*88 %*	*RA*					04/29/13 16:06	VMSC	KDK	13D0117
Surr: 4-Bromofluorobenzene (51-128%)	*92 %*						05/01/13 00:33	GCMSR1	KRW	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*90 %*	*RA*					04/29/13 16:06	VMSC	KDK	13D0117

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MODERN GEOSCIENCES
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Colleyville, TX 76034
Lisa Marinangel

Work Order: AWD0183
Project: TITAN
Project Number: 13060

Received: 04/25/13 15:05
Reported: 05/07/13 17:39

ANALYTICAL REPORT

Sample ID: AWD0183-03 (AA-3 - Air) **Sampled: 04/24/13 12:50**

EPA TO15 - Volatile Organic Compounds by GC/MS

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Ethene	**0.344**	RA,J	ppbv	0.0932	1.05	5.23	04/29/13 17:09	VMSC	KDK	13D0117
Acetylene	**0.361**	RA,J	ppbv	0.149	1.05	5.23	04/29/13 17:09	VMSC	KDK	13D0117
Ethane	**9.68**	RA	ppbv	0.0731	1.05	5.23	04/29/13 17:09	VMSC	KDK	13D0117
Propylene	ND	U	ppbv	0.144	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Propane	**5.69**		ppbv	1.02	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Dichlorodifluoromethane	**0.593**	J	ppbv	0.122	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Chloromethane	**0.725**	J	ppbv	0.0753	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Isobutane	**0.864**	J	ppbv	0.133	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Vinyl chloride	ND	U	ppbv	0.152	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1-Butene/Isobutene	ND	U	ppbv	0.119	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,3-Butadiene	ND	U	ppbv	0.0993	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Butane	**1.90**		ppbv	0.0956	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
trans-2-Butene	ND	U	ppbv	0.109	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Bromomethane	ND	U	ppbv	0.166	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
cis-2-Butene	ND	U	ppbv	0.0915	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
3-Methyl-1-butene	ND	U	ppbv	0.116	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Isopentane	**0.834**	J	ppbv	0.0544	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Trichlorofluoromethane	**0.262**	J	ppbv	0.0742	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1-Pentene	ND	U	ppbv	0.0826	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
n-Pentane	**0.849**	J	ppbv	0.0700	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Isoprene	ND	U	ppbv	0.121	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
trans-2-Pentene	ND	U	ppbv	0.129	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,1-Dichloroethene	ND	U	ppbv	0.0627	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
cis-2-Pentene	ND	U	ppbv	0.160	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Methylene chloride	ND	U	ppbv	0.0956	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
2-Methyl-2-butene	ND	U	ppbv	0.198	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
2,2-Dimethylbutane	ND	U	ppbv	0.121	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Cyclopentene	ND	U	ppbv	0.133	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
4-Methyl-1-pentene	ND	U	ppbv	0.0998	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,1-Dichloroethane	ND	U	ppbv	0.103	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Cyclopentane	ND	U	ppbv	0.121	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
2,3-Dimethylbutane	ND	U	ppbv	0.102	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Isohexane	**0.155**	J	ppbv	0.114	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
3-Methylpentane	ND	U	ppbv	0.122	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
2-Methyl-1-pentene	ND	U	ppbv	0.135	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1-Hexene	ND	U	ppbv	0.0977	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
cis-1,2-Dichloroethene	ND	U	ppbv	0.0946	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Hexane	**0.128**	J	ppbv	0.114	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Chloroform	ND	U	ppbv	0.0862	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
trans-2-Hexene	ND	U	ppbv	0.0946	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122

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ANALYTICAL REPORT

Sample ID: AWD0183-03 (AA-3 - Air) - cont. **Sampled: 04/24/13 12:50**

EPA TO15 - Volatile Organic Compounds by GC/MS - cont.

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
cis-2-Hexene	ND	U	ppbv	0.103	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Methylcyclopentane	ND	U	ppbv	0.102	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,2-Dichloroethane	ND	U	ppbv	0.0726	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
2,4-Dimethylpentane	ND	U	ppbv	0.0956	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,1,1-Trichloroethane	ND	U	ppbv	0.101	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Benzene	ND	U	ppbv	0.109	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Carbon tetrachloride	ND	U	ppbv	0.284	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Cyclohexane	ND	U	ppbv	0.130	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Isoheptane	ND	U	ppbv	0.0711	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
2,3-Dimethylpentane	ND	U	ppbv	0.0862	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
3-Methylhexane	ND	U	ppbv	0.0904	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,2-Dichloropropane	ND	U	ppbv	0.0831	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Trichloroethene	ND	U	ppbv	0.0706	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
2,2,4-Trimethylpentane	ND	U	ppbv	0.103	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Heptane	ND	U	ppbv	0.0857	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
cis-1,3-Dichloropropene	ND	U	ppbv	0.110	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Methylcyclohexane	ND	U	ppbv	0.125	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
trans-1,3-Dichloropropene	ND	U	ppbv	0.157	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,1,2-Trichloroethane	ND	U	ppbv	0.106	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
2,3,4-Trimethylpentane	ND	U	ppbv	0.0617	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Toluene	**0.192**	J, B	ppbv	0.0805	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
2-Methylheptane	ND	U	ppbv	0.0904	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
3-Methylheptane	ND	U	ppbv	0.0706	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,2-Dibromoethane (EDB)	ND	U	ppbv	0.105	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
n-Octane	ND	U	ppbv	0.107	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Tetrachloroethene	ND	U	ppbv	0.0873	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Chlorobenzene	ND	U	ppbv	0.0758	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Ethylbenzene	ND	U	ppbv	0.146	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
m-Xylene & p-Xylene	ND	U	ppbv	0.321	2.09	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Styrene	ND	U	ppbv	0.280	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,1,2,2-Tetrachloroethane	ND	U	ppbv	0.338	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
o-Xylene	ND	U	ppbv	0.161	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
n-Nonane	ND	U	ppbv	0.149	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Isopropylbenzene	ND	U	ppbv	0.135	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
n-Propylbenzene	ND	U	ppbv	0.211	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
3-Ethyltoluene	ND	U	ppbv	0.192	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
4-Ethyltoluene	ND	U	ppbv	0.225	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,3,5-Trimethylbenzene	ND	U	ppbv	0.172	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
2-Ethyltoluene	ND	U	ppbv	0.166	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,2,4-Trimethylbenzene	ND	U	ppbv	0.193	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

ANALYTICAL REPORT

Analyte	Result	Data Qualifiers	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: AWD0183-03 (AA-3 - Air) - cont.							**Sampled: 04/24/13 12:50**			
EPA TO15 - Volatile Organic Compounds by GC/MS - cont.										
n-Decane	ND	U	ppbv	0.179	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,2,3-Trimethylbenzene	ND	U	ppbv	0.147	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,3-Diethylbenzene	ND	U	ppbv	0.256	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
1,4-Diethylbenzene	ND	U	ppbv	0.261	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
n-Undecane	ND	U	ppbv	0.131	1.05	5.23	05/01/13 01:33	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*90 %*						05/01/13 01:33	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*94 %*	*RA*					04/29/13 17:09	VMSC	KDK	13D0117
Surr: Fluorobenzene (46-118%)	*73 %*						05/01/13 01:33	GCMSR1	KRW	13D0122
Surr: Fluorobenzene (46-118%)	*89 %*	*RA*					04/29/13 17:09	VMSC	KDK	13D0117
Surr: Toluene-d8 (70-136%)	*102 %*						05/01/13 01:33	GCMSR1	KRW	13D0122
Surr: Toluene-d8 (70-136%)	*96 %*	*RA*					04/29/13 17:09	VMSC	KDK	13D0117
Surr: 1,4-Dichlorobutane (38-135%)	*101 %*						05/01/13 01:33	GCMSR1	KRW	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*88 %*	*RA*					04/29/13 17:09	VMSC	KDK	13D0117
Surr: 4-Bromofluorobenzene (51-128%)	*95 %*						05/01/13 01:33	GCMSR1	KRW	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*89 %*	*RA*					04/29/13 17:09	VMSC	KDK	13D0117

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PROJECT QUALITY CONTROL DATA

Blank

Analyte	Result	Data Qualifier	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: 13D0117-BLK1 (Blank - Air)										
EPA TO15 - Volatile Organic Compounds by GC/MS										
Ethene	ND	U	ppbv	0.0357	0.400	2.00	04/29/13 14:02	VMSC	KDK	13D0117
Acetylene	ND	U	ppbv	0.0569	0.400	2.00	04/29/13 14:02	VMSC	KDK	13D0117
Ethane	ND	U	ppbv	0.0280	0.400	2.00	04/29/13 14:02	VMSC	KDK	13D0117
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*96%*						04/29/13 14:02	VMSC	KDK	13D0117
Surr: Fluorobenzene (46-118%)	*92%*						04/29/13 14:02	VMSC	KDK	13D0117
Surr: Toluene-d8 (70-136%)	*98%*						04/29/13 14:02	VMSC	KDK	13D0117
Surr: 1,4-Dichlorobutane (38-135%)	*89%*						04/29/13 14:02	VMSC	KDK	13D0117
Surr: 4-Bromofluorobenzene (51-128%)	*91%*						04/29/13 14:02	VMSC	KDK	13D0117
Sample ID: 13D0122-BLK1 (Blank - Air)										
EPA TO15 - Volatile Organic Compounds by GC/MS										
Propylene	ND	U	ppbv	0.0550	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Propane	ND	U	ppbv	0.392	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Dichlorodifluoromethane	ND	U	ppbv	0.0468	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Chloromethane	ND	U	ppbv	0.0288	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isobutane	ND	U	ppbv	0.0508	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Vinyl chloride	ND	U	ppbv	0.0580	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1-Butene/Isobutene	ND	U	ppbv	0.0454	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,3-Butadiene	ND	U	ppbv	0.0380	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Butane	ND	U	ppbv	0.0366	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
trans-2-Butene	ND	U	ppbv	0.0416	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Bromomethane	ND	U	ppbv	0.0634	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
cis-2-Butene	ND	U	ppbv	0.0350	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
3-Methyl-1-butene	ND	U	ppbv	0.0444	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isopentane	ND	U	ppbv	0.0208	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Trichlorofluoromethane	ND	U	ppbv	0.0284	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1-Pentene	ND	U	ppbv	0.0316	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Pentane	ND	U	ppbv	0.0268	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isoprene	ND	U	ppbv	0.0462	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
trans-2-Pentene	ND	U	ppbv	0.0494	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,1-Dichloroethene	ND	U	ppbv	0.0240	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
cis-2-Pentene	ND	U	ppbv	0.0612	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Methylene chloride	ND	U	ppbv	0.0366	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2-Methyl-2-butene	ND	U	ppbv	0.0758	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Result	Data Qualifier	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: 13D0122-BLK1 (Blank - Air) - cont.										
EPA TO15 - Volatile Organic Compounds by GC/MS										
2,2-Dimethylbutane	ND	U	ppbv	0.0462	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Cyclopentene	ND	U	ppbv	0.0510	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
trans-1,2-Dichloroethene	ND	U	ppbv	0.0514	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
4-Methyl-1-pentene	ND	U	ppbv	0.0382	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,1-Dichloroethane	ND	U	ppbv	0.0396	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Cyclopentane	ND	U	ppbv	0.0462	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,3-Dimethylbutane	ND	U	ppbv	0.0392	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Methyl tert-Butyl Ether	ND	U	ppbv	0.0438	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isohexane	ND	U	ppbv	0.0436	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
3-Methylpentane	ND	U	ppbv	0.0468	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2-Methyl-1-pentene	ND	U	ppbv	0.0518	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1-Hexene	ND	U	ppbv	0.0374	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
cis-1,2-Dichloroethene	ND	U	ppbv	0.0362	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Hexane	ND	U	ppbv	0.0438	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Chloroform	ND	U	ppbv	0.0330	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
trans-2-Hexene	ND	U	ppbv	0.0362	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
cis-2-Hexene	ND	U	ppbv	0.0396	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Methylcyclopentane	ND	U	ppbv	0.0392	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2-Dichloroethane	ND	U	ppbv	0.0278	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,4-Dimethylpentane	ND	U	ppbv	0.0366	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,1,1-Trichloroethane	ND	U	ppbv	0.0388	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Benzene	ND	U	ppbv	0.0418	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Carbon tetrachloride	ND	U	ppbv	0.109	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Cyclohexane	ND	U	ppbv	0.0496	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isoheptane	ND	U	ppbv	0.0272	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,3-Dimethylpentane	ND	U	ppbv	0.0330	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
3-Methylhexane	ND	U	ppbv	0.0346	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2-Dichloropropane	ND	U	ppbv	0.0318	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Trichloroethene	ND	U	ppbv	0.0270	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,2,4-Trimethylpentane	ND	U	ppbv	0.0394	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Heptane	ND	U	ppbv	0.0328	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
cis-1,3-Dichloropropene	ND	U	ppbv	0.0422	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Methylcyclohexane	ND	U	ppbv	0.0480	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
trans-1,3-Dichloropropene	ND	U	ppbv	0.0602	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,1,2-Trichloroethane	ND	U	ppbv	0.0404	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2,3,4-Trimethylpentane	ND	U	ppbv	0.0236	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Result	Data Qualifier	Units	MDL	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: 13D0122-BLK1 (Blank - Air) - cont.										
EPA TO15 - Volatile Organic Compounds by GC/MS										
Toluene	**0.0312**	**J**	ppbv	0.0308	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2-Methylheptane	ND	**U**	ppbv	0.0346	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
3-Methylheptane	ND	**U**	ppbv	0.0270	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2-Dibromoethane (EDB)	ND	**U**	ppbv	0.0400	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Octane	ND	**U**	ppbv	0.0410	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Tetrachloroethene	ND	**U**	ppbv	0.0334	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Chlorobenzene	ND	**U**	ppbv	0.0290	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Ethylbenzene	ND	**U**	ppbv	0.0560	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
m-Xylene & p-Xylene	ND	**U**	ppbv	0.123	0.800	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Styrene	ND	**U**	ppbv	0.107	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,1,2,2-Tetrachloroethane	ND	**U**	ppbv	0.129	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
o-Xylene	ND	**U**	ppbv	0.0616	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Nonane	ND	**U**	ppbv	0.0570	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Isopropylbenzene	ND	**U**	ppbv	0.0516	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Propylbenzene	ND	**U**	ppbv	0.0806	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
3-Ethyltoluene	ND	**U**	ppbv	0.0734	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
4-Ethyltoluene	ND	**U**	ppbv	0.0860	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,3,5-Trimethylbenzene	ND	**U**	ppbv	0.0658	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
2-Ethyltoluene	ND	**U**	ppbv	0.0634	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2,4-Trimethylbenzene	ND	**U**	ppbv	0.0738	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Decane	ND	**U**	ppbv	0.0684	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2,3-Trimethylbenzene	ND	**U**	ppbv	0.0562	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2-Dichlorobenzene	ND	**U**	ppbv	0.133	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,3-Diethylbenzene	ND	**U**	ppbv	0.0978	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,4-Diethylbenzene	ND	**U**	ppbv	0.0998	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
n-Undecane	ND	**U**	ppbv	0.0502	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
1,2,4-Trichlorobenzene	**0.123**	**J**	ppbv	0.0464	0.400	2.00	04/30/13 13:31	GCMSR1	KRW	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*93%*						04/30/13 13:31	GCMSR1	KRW	13D0122
Surr: Fluorobenzene (46-118%)	*81%*						04/30/13 13:31	GCMSR1	KRW	13D0122
Surr: Toluene-d8 (70-136%)	*105%*						04/30/13 13:31	GCMSR1	KRW	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*98%*						04/30/13 13:31	GCMSR1	KRW	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*92%*						04/30/13 13:31	GCMSR1	KRW	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Calibration Check

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0117-CCV1 (Calibration Check - Air)											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Ethene	11.0		ppbv	0.400	2.00	11.1	99%	70 - 130	VMSC	04/29/13 10:08	13D0117
Acetylene	9.11		ppbv	0.400	2.00	11.1	82%	70 - 130	VMSC	04/29/13 10:08	13D0117
Ethane	10.6		ppbv	0.400	2.00	11.1	95%	50 - 150	VMSC	04/29/13 10:08	13D0117
Surr: 2-Bromo-1,1,1-trifluoroethane (70-130%)	*98%*								VMSC	04/29/13 10:08	13D0117
Surr: Fluorobenzene (70-130%)	*106%*								VMSC	04/29/13 10:08	13D0117
Surr: Toluene-d8 (70-130%)	*108%*								VMSC	04/29/13 10:08	13D0117
Surr: 1,4-Dichlorobutane (70-130%)	*101%*								VMSC	04/29/13 10:08	13D0117
Surr: 4-Bromofluorobenzene (70-130%)	*96%*								VMSC	04/29/13 10:08	13D0117
Sample ID: 13D0122-CCV1 (Calibration Check - Air)											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Propylene	12.4		ppbv	0.400	2.00	10.9	114%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Propane	12.2		ppbv	0.400	2.00	10.7	114%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Dichlorodifluoromethane	9.84		ppbv	0.400	2.00	10.4	95%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Chloromethane	11.7		ppbv	0.400	2.00	10.5	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Isobutane	11.5		ppbv	0.400	2.00	10.7	108%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Vinyl chloride	10.1		ppbv	0.400	2.00	10.4	98%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1-Butene/Isobutene	11.7		ppbv	0.400	2.00	10.6	111%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,3-Butadiene	12.3		ppbv	0.400	2.00	11.0	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Butane	11.6		ppbv	0.400	2.00	10.6	110%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
trans-2-Butene	11.7		ppbv	0.400	2.00	10.5	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Bromomethane	9.62		ppbv	0.400	2.00	10.4	93%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
cis-2-Butene	12.7		ppbv	0.400	2.00	11.3	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
3-Methyl-1-butene	11.8		ppbv	0.400	2.00	11.5	103%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Isopentane	11.6		ppbv	0.400	2.00	10.8	107%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Trichlorofluoromethane	10.0		ppbv	0.400	2.00	10.8	93%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1-Pentene	12.9		ppbv	0.400	2.00	11.3	114%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Pentane	12.7		ppbv	0.400	2.00	11.2	113%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Isoprene	10.2		ppbv	0.400	2.00	11.0	92%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
trans-2-Pentene	11.7		ppbv	0.400	2.00	11.5	101%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,1-Dichloroethene	10.6		ppbv	0.400	2.00	10.9	97%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
cis-2-Pentene	11.5		ppbv	0.400	2.00	11.3	102%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Methylene chloride	11.9		ppbv	0.400	2.00	10.7	111%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2-Methyl-2-butene	11.9		ppbv	0.400	2.00	11.6	103%	70 - 130	GCMSR1	04/30/13 10:29	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Calibration Check - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0122-CCV1 (Calibration Check - Air) - cont.											
EPA TO15 - Volatile Organic Compounds by GC/MS											
2,2-Dimethylbutane	12.3		ppbv	0.400	2.00	11.1	111%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Cyclopentene	10.2		ppbv	0.400	2.00	10.9	93%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
trans-1,2-Dichloroethene	10.9		ppbv	0.400	2.00	10.9	100%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
4-Methyl-1-pentene	13.1		ppbv	0.400	2.00	11.2	117%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,1-Dichloroethane	10.7		ppbv	0.400	2.00	11.1	97%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Cyclopentane	12.1		ppbv	0.400	2.00	11.1	109%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,3-Dimethylbutane	11.7		ppbv	0.400	2.00	11.0	106%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Methyl tert-Butyl Ether	10.2		ppbv	0.400	2.00	10.7	96%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Isohexane	12.4		ppbv	0.400	2.00	11.3	110%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
3-Methylpentane	11.0		ppbv	0.400	2.00	11.3	98%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2-Methyl-1-pentene	10.3		ppbv	0.400	2.00	11.1	93%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1-Hexene	12.2		ppbv	0.400	2.00	10.6	116%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
cis-1,2-Dichloroethene	10.5		ppbv	0.400	2.00	11.0	96%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Hexane	11.0		ppbv	0.400	2.00	11.5	96%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Chloroform	10.1		ppbv	0.400	2.00	10.9	93%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
trans-2-Hexene	11.3		ppbv	0.400	2.00	11.4	100%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
cis-2-Hexene	10.4		ppbv	0.400	2.00	10.6	99%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Methylcyclopentane	10.5		ppbv	0.400	2.00	11.0	96%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,2-Dichloroethane	11.3		ppbv	0.400	2.00	11.1	102%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,4-Dimethylpentane	12.1		ppbv	0.400	2.00	11.2	108%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,1,1-Trichloroethane	10.5		ppbv	0.400	2.00	11.1	95%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Benzene	12.3		ppbv	0.400	2.00	11.2	110%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Carbon tetrachloride	**14.7**	**C8**	**ppbv**	**0.400**	**2.00**	**11.0**	**134%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
Cyclohexane	13.3		ppbv	0.400	2.00	11.5	116%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Isoheptane	14.4		ppbv	0.400	2.00	11.1	130%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,3-Dimethylpentane	13.3		ppbv	0.400	2.00	11.1	120%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
3-Methylhexane	14.1		ppbv	0.400	2.00	11.1	127%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,2-Dichloropropane	13.6		ppbv	0.400	2.00	11.1	123%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Trichloroethene	10.5		ppbv	0.400	2.00	10.6	100%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,2,4-Trimethylpentane	13.3		ppbv	0.400	2.00	11.1	120%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Heptane	12.4		ppbv	0.400	2.00	11.2	110%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
cis-1,3-Dichloropropene	12.4		ppbv	0.400	2.00	10.9	114%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Methylcyclohexane	12.1		ppbv	0.400	2.00	11.2	108%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
trans-1,3-Dichloropropene	14.0		ppbv	0.400	2.00	11.5	121%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,1,2-Trichloroethane	12.7		ppbv	0.400	2.00	11.2	114%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2,3,4-Trimethylpentane	14.4		ppbv	0.400	2.00	11.3	127%	70 - 130	GCMSR1	04/30/13 10:29	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Calibration Check - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0122-CCV1 (Calibration Check - Air) - cont.											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Toluene	12.8	B	ppbv	0.400	2.00	11.4	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2-Methylheptane	**14.8**	**C8**	**ppbv**	**0.400**	**2.00**	**11.2**	**132%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
3-Methylheptane	12.0		ppbv	0.400	2.00	11.2	107%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,2-Dibromoethane (EDB)	12.7		ppbv	0.400	2.00	11.3	112%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Octane	**14.9**	**C8**	**ppbv**	**0.400**	**2.00**	**11.2**	**133%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
Tetrachloroethene	11.3		ppbv	0.400	2.00	11.1	102%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Chlorobenzene	12.5		ppbv	0.400	2.00	11.3	111%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Ethylbenzene	13.4		ppbv	0.400	2.00	11.3	118%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
m-Xylene & p-Xylene	26.8		ppbv	0.800	2.00	22.2	121%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
Styrene	13.3		ppbv	0.400	2.00	11.4	116%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,1,2,2-Tetrachloroethane	**14.6**	**C8**	**ppbv**	**0.400**	**2.00**	**11.2**	**131%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
o-Xylene	13.7		ppbv	0.400	2.00	11.2	123%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Nonane	**15.4**	**C8**	**ppbv**	**0.400**	**2.00**	**11.0**	**141%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
Isopropylbenzene	12.7		ppbv	0.400	2.00	10.7	119%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Propylbenzene	13.5		ppbv	0.400	2.00	10.8	126%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
3-Ethyltoluene	12.8		ppbv	0.400	2.00	10.5	122%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
4-Ethyltoluene	13.1		ppbv	0.400	2.00	10.6	124%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,3,5-Trimethylbenzene	13.5		ppbv	0.400	2.00	11.4	118%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
2-Ethyltoluene	12.5		ppbv	0.400	2.00	10.4	120%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,2,4-Trimethylbenzene	13.7		ppbv	0.400	2.00	11.4	120%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Decane	**14.9**	**C8**	**ppbv**	**0.400**	**2.00**	**11.2**	**133%**	**70 - 130**	**GCMSR1**	**04/30/13 10:29**	**13D0122**
1,2,3-Trimethylbenzene	12.2		ppbv	0.400	2.00	10.3	119%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,2-Dichlorobenzene	13.4		ppbv	0.400	2.00	11.3	119%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,3-Diethylbenzene	12.5		ppbv	0.400	2.00	10.2	123%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
1,4-Diethylbenzene	12.6		ppbv	0.400	2.00	10.4	121%	70 - 130	GCMSR1	04/30/13 10:29	13D0122
n-Undecane	13.8		ppbv	0.400	2.00	10.4	134%	50 - 150	GCMSR1	04/30/13 10:29	13D0122
1,2,4-Trichlorobenzene	12.7	B	ppbv	0.400	2.00	11.4	111%	50 - 150	GCMSR1	04/30/13 10:29	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (70-130%)	*93%*								GCMSR1	04/30/13 10:29	13D0122
Surr: Fluorobenzene (70-130%)	*88%*								GCMSR1	04/30/13 10:29	13D0122
Surr: Toluene-d8 (70-130%)	*104%*								GCMSR1	04/30/13 10:29	13D0122
Surr: 1,4-Dichlorobutane (70-130%)	*113%*								GCMSR1	04/30/13 10:29	13D0122
Surr: 4-Bromofluorobenzene (70-130%)	*108%*								GCMSR1	04/30/13 10:29	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0117-DUP1 (Duplicate - Air)									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Ethene	**0.344**	**J**	**0.327**	ppbv	5	25	13D0117	AWD0183-03RE1	04/29/13 18:13
Acetylene	**0.361**	**J**	**0.348**	ppbv	4	25	13D0117	AWD0183-03RE1	04/29/13 18:13
Ethane	**9.68**		**9.54**	ppbv	1	25	13D0117	AWD0183-03RE1	04/29/13 18:13
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*94%*						13D0117		04/29/13 18:13
Surr: Fluorobenzene (46-118%)	*88%*						13D0117		04/29/13 18:13
Surr: Toluene-d8 (70-136%)	*96%*						13D0117		04/29/13 18:13
Surr: 1,4-Dichlorobutane (38-135%)	*90%*						13D0117		04/29/13 18:13
Surr: 4-Bromofluorobenzene (51-128%)	*89%*						13D0117		04/29/13 18:13
Sample ID: 13D0122-DUP1 (Duplicate - Air)									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Propylene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Propane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Dichlorodifluoromethane	**0.774**	**J**	**0.785**	ppbv	1	25	13D0122	AWD0177-15	04/30/13 19:33
Chloromethane	**0.555**	**J**	**0.522**	ppbv	6	25	13D0122	AWD0177-15	04/30/13 19:33
Isobutane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Vinyl chloride	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1-Butene/Isobutene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,3-Butadiene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Butane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
trans-2-Butene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Bromomethane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
cis-2-Butene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
3-Methyl-1-butene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Isopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Trichlorofluoromethane	**0.328**	**J**	**0.325**	ppbv	1	25	13D0122	AWD0177-15	04/30/13 19:33
1-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
n-Pentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Isoprene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
trans-2-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,1-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
cis-2-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP1 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Methylene chloride	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2-Methyl-2-butene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,2-Dimethylbutane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Cyclopentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
trans-1,2-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
4-Methyl-1-pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,1-Dichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Cyclopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,3-Dimethylbutane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Methyl tert-Butyl Ether	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Isohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
3-Methylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2-Methyl-1-pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
cis-1,2-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Hexane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Chloroform	**0.471**	**J**	**0.476**	ppbv	1	25	13D0122	AWD0177-15	04/30/13 19:33
trans-2-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
cis-2-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Methylcyclopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2-Dichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,4-Dimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,1,1-Trichloroethane	**0.166**	**J**	**0.161**	ppbv	3	25	13D0122	AWD0177-15	04/30/13 19:33
Benzene	ND	**R4, U**	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Carbon tetrachloride	ND	**R4, U**	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Cyclohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Isoheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,3-Dimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
3-Methylhexane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2-Dichloropropane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Trichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,2,4-Trimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Heptane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
cis-1,3-Dichloropropene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP1 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Methylcyclohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
trans-1,3-Dichloropropene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,1,2-Trichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2,3,4-Trimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Toluene	**0.259**	**B, J**	**0.270**	ppbv	4	25	13D0122	AWD0177-15	04/30/13 19:33
2-Methylheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
3-Methylheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2-Dibromoethane (EDB)	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
n-Octane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Tetrachloroethene	**25.8**		**26.1**	ppbv	1	25	13D0122	AWD0177-15	04/30/13 19:33
Chlorobenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Ethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
m-Xylene & p-Xylene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Styrene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,1,2,2-Tetrachloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
o-Xylene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
n-Nonane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Isopropylbenzene	ND	U	ND	ppbv		50	13D0122	AWD0177-15	04/30/13 19:33
n-Propylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
3-Ethyltoluene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
4-Ethyltoluene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,3,5-Trimethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
2-Ethyltoluene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2,4-Trimethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
n-Decane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2,3-Trimethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2-Dichlorobenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,3-Diethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,4-Diethylbenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
n-Undecane	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
1,2,4-Trichlorobenzene	ND	U	ND	ppbv		25	13D0122	AWD0177-15	04/30/13 19:33
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*91%*						13D0122		04/30/13 19:33
Surr: Fluorobenzene (46-118%)	*71%*						13D0122		04/30/13 19:33
Surr: Toluene-d8 (70-136%)	*106%*						13D0122		04/30/13 19:33

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP1 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Surr: 1,4-Dichlorobutane (38-135%)	*96%*						13D0122		04/30/13 19:33
Surr: 4-Bromofluorobenzene (51-128%)	*88%*						13D0122		04/30/13 19:33
Sample ID: 13D0122-DUP2 (Duplicate - Air)									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Propylene	0.126	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Propane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Dichlorodifluoromethane	**1.20**		**1.17**	ppbv	2	25	13D0122	AWD0177-16	04/30/13 21:33
Chloromethane	**0.530**	**J**	**0.530**	ppbv	0.08	25	13D0122	AWD0177-16	04/30/13 21:33
Isobutane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Vinyl chloride	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1-Butene/Isobutene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,3-Butadiene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Butane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
trans-2-Butene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Bromomethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
cis-2-Butene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
3-Methyl-1-butene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Isopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Trichlorofluoromethane	**0.178**	**J**	**0.174**	ppbv	2	25	13D0122	AWD0177-16	04/30/13 21:33
1-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
n-Pentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Isoprene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
trans-2-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,1-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
cis-2-Pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Methylene chloride	0.0902	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2-Methyl-2-butene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,2-Dimethylbutane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Cyclopentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
trans-1,2-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
4-Methyl-1-pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,1-Dichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP2 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
Cyclopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,3-Dimethylbutane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Methyl tert-Butyl Ether	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Isohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
3-Methylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2-Methyl-1-pentene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
cis-1,2-Dichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Hexane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Chloroform	**0.365**	**J**	**0.336**	ppbv	8	25	13D0122	AWD0177-16	04/30/13 21:33
trans-2-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
cis-2-Hexene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Methylcyclopentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2-Dichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,4-Dimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,1,1-Trichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Benzene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Carbon tetrachloride	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Cyclohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Isoheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,3-Dimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
3-Methylhexane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2-Dichloropropane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Trichloroethene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,2,4-Trimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Heptane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
cis-1,3-Dichloropropene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Methylcyclohexane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
trans-1,3-Dichloropropene	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,1,2-Trichloroethane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2,3,4-Trimethylpentane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Toluene	**0.587**	**B, J**	**0.559**	ppbv	5	25	13D0122	AWD0177-16	04/30/13 21:33
2-Methylheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
3-Methylheptane	ND	U	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

Duplicate - Cont.

Analyte	Orig.	Data Qualifier	Duplicate	Units	RPD	Limit	QC Batch	Sample Duplicated	Date Analyzed
Sample ID: 13D0122-DUP2 (Duplicate - Air) - cont.									
EPA TO15 - Volatile Organic Compounds by GC/MS									
1,2-Dibromoethane (EDB)	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
n-Octane	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Tetrachloroethene	**5.63**		**5.29**	ppbv	6	25	13D0122	AWD0177-16	04/30/13 21:33
Chlorobenzene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Ethylbenzene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
m-Xylene & p-Xylene	ND	**R4, U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Styrene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,1,2,2-Tetrachloroethane	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
o-Xylene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
n-Nonane	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Isopropylbenzene	ND	**U**	ND	ppbv		50	13D0122	AWD0177-16	04/30/13 21:33
n-Propylbenzene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
3-Ethyltoluene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
4-Ethyltoluene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,3,5-Trimethylbenzene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
2-Ethyltoluene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2,4-Trimethylbenzene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
n-Decane	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2,3-Trimethylbenzene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2-Dichlorobenzene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,3-Diethylbenzene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,4-Diethylbenzene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
n-Undecane	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
1,2,4-Trichlorobenzene	ND	**U**	ND	ppbv		25	13D0122	AWD0177-16	04/30/13 21:33
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*93%*						13D0122		04/30/13 21:33
Surr: Fluorobenzene (46-118%)	*73%*						13D0122		04/30/13 21:33
Surr: Toluene-d8 (70-136%)	*103%*						13D0122		04/30/13 21:33
Surr: 1,4-Dichlorobutane (38-135%)	*99%*						13D0122		04/30/13 21:33
Surr: 4-Bromofluorobenzene (51-128%)	*89%*						13D0122		04/30/13 21:33

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0117-BS1 (LCS - Air)											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Ethene	8.06		ppbv	0.400	2.00	11.0	74%	50 - 150	VMSC	04/29/13 11:57	13D0117
Acetylene	10.6		ppbv	0.400	2.00	11.0	97%	50 - 150	VMSC	04/29/13 11:57	13D0117
Ethane	10.0		ppbv	0.400	2.00	11.0	92%	50 - 150	VMSC	04/29/13 11:57	13D0117
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*96%*								VMSC	04/29/13 11:57	13D0117
Surr: Fluorobenzene (46-118%)	*107%*								VMSC	04/29/13 11:57	13D0117
Surr: Toluene-d8 (70-136%)	*100%*								VMSC	04/29/13 11:57	13D0117
Surr: 1,4-Dichlorobutane (38-135%)	*99%*								VMSC	04/29/13 11:57	13D0117
Surr: 4-Bromofluorobenzene (51-128%)	*95%*								VMSC	04/29/13 11:57	13D0117
Sample ID: 13D0122-BS1 (LCS - Air)											
EPA TO15 - Volatile Organic Compounds by GC/MS											
Propylene	11.8		ppbv	0.400	2.00	10.8	110%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Propane	11.6		ppbv	0.400	2.00	10.7	109%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Dichlorodifluoromethane	10.5		ppbv	0.400	2.00	10.7	99%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Chloromethane	12.1		ppbv	0.400	2.00	10.9	111%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Isobutane	11.4		ppbv	0.400	2.00	10.7	107%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Vinyl chloride	11.1		ppbv	0.400	2.00	10.8	103%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1-Butene/Isobutene	11.3		ppbv	0.400	2.00	10.5	108%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,3-Butadiene	12.4		ppbv	0.400	2.00	11.0	113%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Butane	11.5		ppbv	0.400	2.00	10.7	108%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
trans-2-Butene	11.5		ppbv	0.400	2.00	10.4	110%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Bromomethane	10.1		ppbv	0.400	2.00	10.7	95%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
cis-2-Butene	12.4		ppbv	0.400	2.00	11.3	110%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
3-Methyl-1-butene	12.0		ppbv	0.400	2.00	11.0	110%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Isopentane	11.5		ppbv	0.400	2.00	11.2	103%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Trichlorofluoromethane	10.6		ppbv	0.400	2.00	11.2	95%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1-Pentene	13.2		ppbv	0.400	2.00	11.6	114%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Pentane	12.7		ppbv	0.400	2.00	11.2	113%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Isoprene	10.6		ppbv	0.400	2.00	11.1	96%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
trans-2-Pentene	11.5		ppbv	0.400	2.00	11.3	102%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,1-Dichloroethene	11.1		ppbv	0.400	2.00	11.3	98%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
cis-2-Pentene	11.6		ppbv	0.400	2.00	11.4	102%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Methylene chloride	12.3		ppbv	0.400	2.00	11.0	112%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
2-Methyl-2-butene	11.7		ppbv	0.400	2.00	11.8	99%	50 - 150	GCMSR1	04/30/13 11:30	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0122-BS1 (LCS - Air) - cont.											
EPA TO15 - Volatile Organic Compounds by GC/MS											
trans-1,2-Dichloroethene	10.8		ppbv	0.400	2.00	11.1	98%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
4-Methyl-1-pentene	13.2		ppbv	0.400	2.00	11.1	120%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,1-Dichloroethane	10.9		ppbv	0.400	2.00	11.1	99%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Methyl tert-Butyl Ether	11.3		ppbv	0.400	2.00	11.2	101%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
cis-1,2-Dichloroethene	11.3		ppbv	0.400	2.00	11.3	100%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Hexane	10.8		ppbv	0.400	2.00	11.7	92%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Chloroform	10.7		ppbv	0.400	2.00	10.9	99%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
trans-2-Hexene	11.6		ppbv	0.400	2.00	11.5	101%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
cis-2-Hexene	10.6		ppbv	0.400	2.00	11.0	96%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2-Dichloroethane	11.6		ppbv	0.400	2.00	11.1	105%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,1,1-Trichloroethane	11.0		ppbv	0.400	2.00	11.1	100%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Benzene	13.0		ppbv	0.400	2.00	11.1	117%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Carbon tetrachloride	16.0		ppbv	0.400	2.00	12.2	132%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Cyclohexane	13.4		ppbv	0.400	2.00	11.3	118%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2-Dichloropropane	14.5		ppbv	0.400	2.00	11.2	130%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Trichloroethene	11.2		ppbv	0.400	2.00	11.3	99%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
2,2,4-Trimethylpentane	13.7		ppbv	0.400	2.00	11.2	123%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Heptane	12.5		ppbv	0.400	2.00	11.4	110%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
cis-1,3-Dichloropropene	14.1		ppbv	0.400	2.00	11.4	124%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
trans-1,3-Dichloropropene	13.9		ppbv	0.400	2.00	10.5	132%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,1,2-Trichloroethane	13.6		ppbv	0.400	2.00	11.3	120%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Toluene	13.3	B	ppbv	0.400	2.00	11.3	118%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2-Dibromoethane (EDB)	13.4		ppbv	0.400	2.00	11.3	119%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Octane	15.0		ppbv	0.400	2.00	11.2	134%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Tetrachloroethene	12.0		ppbv	0.400	2.00	10.5	113%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Chlorobenzene	13.2		ppbv	0.400	2.00	11.4	116%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Ethylbenzene	14.1		ppbv	0.400	2.00	11.3	125%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
m-Xylene & p-Xylene	28.4		ppbv	0.800	2.00	22.2	128%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Styrene	13.8		ppbv	0.400	2.00	11.4	121%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,1,2,2-Tetrachloroethane	15.2		ppbv	0.400	2.00	11.4	134%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
o-Xylene	14.4		ppbv	0.400	2.00	11.4	126%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Nonane	15.9		ppbv	0.400	2.00	11.1	144%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Isopropylbenzene	13.7		ppbv	0.400	2.00	11.0	125%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Propylbenzene	14.5		ppbv	0.400	2.00	10.9	134%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
4-Ethyltoluene	15.2		ppbv	0.400	2.00	11.6	131%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,3,5-Trimethylbenzene	13.9		ppbv	0.400	2.00	11.2	124%	50 - 150	GCMSR1	04/30/13 11:30	13D0122

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14050 Summit Drive, Suite A100 Austin, TX 78728 * 512-244-0855 * Fax 512-244-0160

MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 13D0122-BS1 (LCS - Air) - cont.											
EPA TO15 - Volatile Organic Compounds by GC/MS											
1,2,4-Trimethylbenzene	14.5		ppbv	0.400	2.00	11.0	132%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Decane	15.5		ppbv	0.400	2.00	11.2	138%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2-Dichlorobenzene	13.6		ppbv	0.400	2.00	11.3	120%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
n-Undecane	13.6		ppbv	0.400	2.00	11.1	123%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
1,2,4-Trichlorobenzene	12.3	B	ppbv	0.400	2.00	11.3	109%	50 - 150	GCMSR1	04/30/13 11:30	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*93%*								GCMSR1	04/30/13 11:30	13D0122
Surr: Fluorobenzene (46-118%)	*87%*								GCMSR1	04/30/13 11:30	13D0122
Surr: Toluene-d8 (70-136%)	*100%*								GCMSR1	04/30/13 11:30	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*113%*								GCMSR1	04/30/13 11:30	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*106%*								GCMSR1	04/30/13 11:30	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	RPD	Limit	Date Analyzed	QC Batch
Sample ID: 13D0117-BSD1 (LCS Dup - Air)												
EPA TO15 - Volatile Organic Compounds by GC/MS												
Ethene	11.2	R2	ppbv	0.400	2.00	11.0	102%	50 - 150	32	25	04/29/13 12:59	13D0117
Acetylene	11.5		ppbv	0.400	2.00	11.0	105%	50 - 150	8	25	04/29/13 12:59	13D0117
Ethane	10.8		ppbv	0.400	2.00	11.0	98%	50 - 150	7	25	04/29/13 12:59	13D0117
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*96%*										04/29/13 12:59	13D0117
Surr: Fluorobenzene (46-118%)	*99%*										04/29/13 12:59	13D0117
Surr: Toluene-d8 (70-136%)	*101%*										04/29/13 12:59	13D0117
Surr: 1,4-Dichlorobutane (38-135%)	*108%*										04/29/13 12:59	13D0117
Surr: 4-Bromofluorobenzene (51-128%)	*99%*										04/29/13 12:59	13D0117
Sample ID: 13D0122-BSD1 (LCS Dup - Air)												
EPA TO15 - Volatile Organic Compounds by GC/MS												
Propylene	12.0		ppbv	0.400	2.00	10.8	112%	50 - 150	2	25	04/30/13 12:30	13D0122
Propane	11.8		ppbv	0.400	2.00	10.7	111%	50 - 150	1	25	04/30/13 12:30	13D0122
Dichlorodifluoromethane	10.7		ppbv	0.400	2.00	10.7	100%	50 - 150	1	25	04/30/13 12:30	13D0122
Chloromethane	12.4		ppbv	0.400	2.00	10.9	114%	50 - 150	2	25	04/30/13 12:30	13D0122
Isobutane	11.6		ppbv	0.400	2.00	10.7	109%	50 - 150	2	25	04/30/13 12:30	13D0122
Vinyl chloride	11.4		ppbv	0.400	2.00	10.8	106%	50 - 150	2	25	04/30/13 12:30	13D0122
1-Butene/Isobutene	11.7		ppbv	0.400	2.00	10.5	111%	50 - 150	3	25	04/30/13 12:30	13D0122
1,3-Butadiene	12.7		ppbv	0.400	2.00	11.0	116%	50 - 150	2	25	04/30/13 12:30	13D0122
Butane	11.7		ppbv	0.400	2.00	10.7	110%	50 - 150	1	25	04/30/13 12:30	13D0122
trans-2-Butene	11.7		ppbv	0.400	2.00	10.4	112%	50 - 150	2	25	04/30/13 12:30	13D0122
Bromomethane	10.4		ppbv	0.400	2.00	10.7	98%	50 - 150	4	25	04/30/13 12:30	13D0122
cis-2-Butene	12.7		ppbv	0.400	2.00	11.3	113%	50 - 150	2	25	04/30/13 12:30	13D0122
3-Methyl-1-butene	12.3		ppbv	0.400	2.00	11.0	112%	50 - 150	2	25	04/30/13 12:30	13D0122
Isopentane	11.8		ppbv	0.400	2.00	11.2	105%	50 - 150	2	25	04/30/13 12:30	13D0122
Trichlorofluoromethane	10.9		ppbv	0.400	2.00	11.2	97%	50 - 150	3	25	04/30/13 12:30	13D0122
1-Pentene	13.4		ppbv	0.400	2.00	11.6	116%	50 - 150	2	25	04/30/13 12:30	13D0122
n-Pentane	12.9		ppbv	0.400	2.00	11.2	116%	50 - 150	2	25	04/30/13 12:30	13D0122
Isoprene	10.8		ppbv	0.400	2.00	11.1	98%	50 - 150	2	25	04/30/13 12:30	13D0122
trans-2-Pentene	11.7		ppbv	0.400	2.00	11.3	104%	50 - 150	2	25	04/30/13 12:30	13D0122
1,1-Dichloroethene	11.5		ppbv	0.400	2.00	11.3	101%	50 - 150	3	25	04/30/13 12:30	13D0122
cis-2-Pentene	11.9		ppbv	0.400	2.00	11.4	104%	50 - 150	3	25	04/30/13 12:30	13D0122
Methylene chloride	12.5		ppbv	0.400	2.00	11.0	114%	50 - 150	2	25	04/30/13 12:30	13D0122
2-Methyl-2-butene	11.9		ppbv	0.400	2.00	11.8	101%	50 - 150	2	25	04/30/13 12:30	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	RPD	Limit	Date Analyzed	QC Batch
Sample ID: 13D0122-BSD1 (LCS Dup - Air) - cont.												
EPA TO15 - Volatile Organic Compounds by GC/MS												
trans-1,2-Dichloroethene	11.1		ppbv	0.400	2.00	11.1	100%	50 - 150	2	25	04/30/13 12:30	13D0122
4-Methyl-1-pentene	13.5		ppbv	0.400	2.00	11.1	122%	50 - 150	2	25	04/30/13 12:30	13D0122
1,1-Dichloroethane	11.2		ppbv	0.400	2.00	11.1	101%	50 - 150	3	25	04/30/13 12:30	13D0122
Methyl tert-Butyl Ether	11.4		ppbv	0.400	2.00	11.2	101%	50 - 150	0.7	25	04/30/13 12:30	13D0122
cis-1,2-Dichloroethene	11.5		ppbv	0.400	2.00	11.3	102%	50 - 150	2	25	04/30/13 12:30	13D0122
Hexane	11.0		ppbv	0.400	2.00	11.7	94%	50 - 150	2	25	04/30/13 12:30	13D0122
Chloroform	10.9		ppbv	0.400	2.00	10.9	101%	50 - 150	2	25	04/30/13 12:30	13D0122
trans-2-Hexene	11.8		ppbv	0.400	2.00	11.5	103%	50 - 150	2	25	04/30/13 12:30	13D0122
cis-2-Hexene	10.9		ppbv	0.400	2.00	11.0	99%	50 - 150	2	25	04/30/13 12:30	13D0122
1,2-Dichloroethane	11.8		ppbv	0.400	2.00	11.1	106%	50 - 150	1	25	04/30/13 12:30	13D0122
1,1,1-Trichloroethane	11.3		ppbv	0.400	2.00	11.1	102%	50 - 150	3	25	04/30/13 12:30	13D0122
Benzene	12.8		ppbv	0.400	2.00	11.1	116%	50 - 150	1	25	04/30/13 12:30	13D0122
Carbon tetrachloride	15.8		ppbv	0.400	2.00	12.2	130%	50 - 150	2	25	04/30/13 12:30	13D0122
Cyclohexane	13.2		ppbv	0.400	2.00	11.3	117%	50 - 150	1	25	04/30/13 12:30	13D0122
1,2-Dichloropropane	14.2		ppbv	0.400	2.00	11.2	127%	50 - 150	2	25	04/30/13 12:30	13D0122
Trichloroethene	11.0		ppbv	0.400	2.00	11.3	98%	50 - 150	2	25	04/30/13 12:30	13D0122
2,2,4-Trimethylpentane	13.4		ppbv	0.400	2.00	11.2	120%	50 - 150	2	25	04/30/13 12:30	13D0122
Heptane	12.4		ppbv	0.400	2.00	11.4	109%	50 - 150	0.9	25	04/30/13 12:30	13D0122
cis-1,3-Dichloropropene	13.8		ppbv	0.400	2.00	11.4	121%	50 - 150	3	25	04/30/13 12:30	13D0122
trans-1,3-Dichloropropene	13.4		ppbv	0.400	2.00	10.5	127%	50 - 150	3	25	04/30/13 12:30	13D0122
1,1,2-Trichloroethane	13.2		ppbv	0.400	2.00	11.3	117%	50 - 150	3	25	04/30/13 12:30	13D0122
Toluene	13.1	B	ppbv	0.400	2.00	11.3	116%	50 - 150	2	25	04/30/13 12:30	13D0122
1,2-Dibromoethane (EDB)	12.9		ppbv	0.400	2.00	11.3	114%	50 - 150	4	25	04/30/13 12:30	13D0122
n-Octane	14.7		ppbv	0.400	2.00	11.2	131%	50 - 150	3	25	04/30/13 12:30	13D0122
Tetrachloroethene	11.7		ppbv	0.400	2.00	10.5	111%	50 - 150	2	25	04/30/13 12:30	13D0122
Chlorobenzene	12.8		ppbv	0.400	2.00	11.4	112%	50 - 150	3	25	04/30/13 12:30	13D0122
Ethylbenzene	13.5		ppbv	0.400	2.00	11.3	120%	50 - 150	4	25	04/30/13 12:30	13D0122
m-Xylene & p-Xylene	27.2		ppbv	0.800	2.00	22.2	123%	50 - 150	4	25	04/30/13 12:30	13D0122
Styrene	13.2		ppbv	0.400	2.00	11.4	116%	50 - 150	4	25	04/30/13 12:30	13D0122
1,1,2,2-Tetrachloroethane	14.5		ppbv	0.400	2.00	11.4	127%	50 - 150	5	25	04/30/13 12:30	13D0122
o-Xylene	13.8		ppbv	0.400	2.00	11.4	121%	50 - 150	5	25	04/30/13 12:30	13D0122
n-Nonane	15.4		ppbv	0.400	2.00	11.1	139%	50 - 150	3	25	04/30/13 12:30	13D0122
Isopropylbenzene	13.2		ppbv	0.400	2.00	11.0	120%	50 - 150	4	50	04/30/13 12:30	13D0122
n-Propylbenzene	13.8		ppbv	0.400	2.00	10.9	127%	50 - 150	5	25	04/30/13 12:30	13D0122
4-Ethyltoluene	14.4		ppbv	0.400	2.00	11.6	124%	50 - 150	5	25	04/30/13 12:30	13D0122
1,3,5-Trimethylbenzene	13.4		ppbv	0.400	2.00	11.2	119%	50 - 150	4	25	04/30/13 12:30	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	RPD	Limit	Date Analyzed	QC Batch
Sample ID: 13D0122-BSD1 (LCS Dup - Air) - cont.												
EPA TO15 - Volatile Organic Compounds by GC/MS												
1,2,4-Trimethylbenzene	13.9		ppbv	0.400	2.00	11.0	126%	50 - 150	5	25	04/30/13 12:30	13D0122
n-Decane	14.9		ppbv	0.400	2.00	11.2	133%	50 - 150	4	25	04/30/13 12:30	13D0122
1,2-Dichlorobenzene	12.9		ppbv	0.400	2.00	11.3	114%	50 - 150	5	25	04/30/13 12:30	13D0122
n-Undecane	12.9		ppbv	0.400	2.00	11.1	117%	50 - 150	5	25	04/30/13 12:30	13D0122
1,2,4-Trichlorobenzene	11.6	B	ppbv	0.400	2.00	11.3	103%	50 - 150	5	25	04/30/13 12:30	13D0122
Surr: 2-Bromo-1,1,1-trifluoroethane (58-131%)	*93%*										04/30/13 12:30	13D0122
Surr: Fluorobenzene (46-118%)	*89%*										04/30/13 12:30	13D0122
Surr: Toluene-d8 (70-136%)	*101%*										04/30/13 12:30	13D0122
Surr: 1,4-Dichlorobutane (38-135%)	*112%*										04/30/13 12:30	13D0122
Surr: 4-Bromofluorobenzene (51-128%)	*105%*										04/30/13 12:30	13D0122

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: Project: Project Number:	AWD0183 TITAN 13060	Received: Reported:	04/25/13 15:05 05/07/13 17:39

CERTIFICATION SUMMARY

TestAmerica Austin

Method	Matrix	Nelac	Texas
TO-15	Air	X	X

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

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MODERN GEOSCIENCES 1904 Industrial Blvd., Suite 107 Colleyville, TX 76034 Lisa Marinangel	Work Order: AWD0183 Project: TITAN Project Number: 13060	Received: 04/25/13 15:05 Reported: 05/07/13 17:39	

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Austin does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
C8	Calibration Verification recovery was above the method control limit for this analyte. A high bias may be indicated.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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.
RA	Results are from a second analysis of the sample.
U	Result less than sample specific method detection limit
ND	Not detected.

TestAmerica – Austin Laboratory Chain of Custody Addendum **Work Order Number** AWD0183

RECEIVED BY: RL. CLIENT: Modern Geo

DATE/TIME RECEIVED: 4/25/13 1505 PROJECT: TITAN

UNPACKED DATE/TIME: 4/26/13 0915 LOGIN BY: [illegible] LOGIN REVIEWED BY: JNS

Number of Shipping Containers Received with COC: 1

VOC SAMPLES: ☑ YES **(IF YES, GO TO SECTIONS 1.0, 2.0, 6.0, & 7.0)**

1.0 CONTAINERS EXAMINED UPON RECEIPT: RL.

Container Sealed: ☑ YES ☐ NO Custody Seal Present: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: RL.

Canister Valves Closed: ☑ YES ☐ NO Canister Valves Capped: ☑ YES ☐ NO

Sample IDs match COC: ☑ YES ☐ NO Other Equipment Received: ☑ YES ☐ NO

Valve Cap Tightened Properly: ☑ YES ☐ NO Can Size: ☑ 6L ☐ 1L Other: _____

Packing Material Used: (circle) None / Absorbent / Paper / Bubble Wrap 3 - Flow Cont.

Samples received in Tedlar bags ☐ N/A ☐ YES ☑ NO

3.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** _____

Sample IDs match COC: ☐ YES ☐ NO Bottles received intact: ☐ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☐ NO Samples received from USDA restricted area: ☐ YES ☐ NO

Chain-of-Custody form properly maintained: ☐ YES ☐ NO VOA trip blanks included: ☐ N/A ☐ YES ☐ NO

4.0 SAMPLE TEMPERATURE UPON RECEIPT BY: _____ **IR THERMOMETER #:** ☐ P5 ☐ P7

Container(s) temperature: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor *[acceptable tolerance ≤6°C]*

TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial
CF	CF	CF	CF	CF	CF	CF	CF
Final	Final	Final	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☐ YES ☐ NO

5.0 PRESERVATION CHECKS

PRESERVATION OF SAMPLES REQUIRED: ☐ N/A ☐ YES ☐ VOA Samples **VERIFIED BY:** _____

NOTE: pH CHECK OF SAMPLES PERFORMED AT TIME OF ANALYSIS BY BENCH ANALYST

pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Cyanide samples checked for sulfides: ☐ YES ☐ NO

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Chlorine checked per specification (EPA 335.x & N.C.) ☐ YES ☐ NO Free chlorine present: ☐ YES ☐ NO

If preservation is outside acceptable limit, PM notified (_____PM) Date/Time: _____

Volatile samples filled completely: ☐ YES ☐ NO [if no, list ID and approx. amt. of headspace (>6mm) in Comments Section 7.0]

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☐ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

Flow Cont. on top of cans - packed well.

C of C. not relinquished.

8.0 CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

Project Management Login Review: [signature] Date: 4/30/13

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE Revised 07/26/11

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Canister Samples Chain of Custody Record

AWD0183

TestAmerica Austin
14050 Summit Dr.
Suite A-100
Austin, TX 78728
phone: 512-244-0855 fax: 512-244-0160

1 of 1 COCs

Client Contact Information		
Company: Modern Geosciences	Project Manager: Kenneth Tramm	
Address: 1904 Industrial Blvd. #107	Phone: 817-371-5520	Samples Collected By: KT / JLJ
City/State/Zip Colleyville, TX 76034	Email: ktramm@moderngeosciences.com	
Phone: 682-223-1322	Site Contact:	
FAX:	LAB Contact:	
Project Name: ~~TBD~~ 13060	Analysis Turnaround Time	
Site: TITAN	Standard (Specify) 10-Day	
PO #	Rush (Specity)	

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	TO-3	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specity in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
AA-1	~~4~~ 4/23-4/24/13	1208	1208	-30	-15	7289063	5480	X												
AA-2	4/23-4/24/13	1229	1229	-14	-7	7342868	RA2360	X												
AA-3	4/23-4/24/13	1250	1250	-30	-8	7299278	HL0910	X												

NFE

Special Instructions/QC Requirements & Comments:
please email results to ktramm@moderngeosciences.com

Samples Shipped by:	Date/Time: 4/24/13 1400	Samples Received by: Fed Ex
Samples Relinquished by:	Date/Time:	Received by: 4/25/13 1505
Relinquished by:	Date/Time:	Received by:

TAL-4143 (0608)

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

TestAmerica – Austin Laboratory Chain of Custody Addendum **Work Order Number** AWD0183

RECEIVED BY: RL. CLIENT: Modern Geo

DATE/TIME RECEIVED: 4/25/13 1505 PROJECT: TITAN

UNPACKED DATE/TIME: 4/26/13 0915 LOGIN BY: [illegible] LOGIN REVIEWED BY: JNS

Number of Shipping Containers Received with COC: 1

VOC SAMPLES: ☑ YES **(IF YES, GO TO SECTIONS 1.0, 2.0, 6.0, & 7.0)**

1.0 CONTAINERS EXAMINED UPON RECEIPT: RL.

Container Sealed: ☑ YES ☐ NO Custody Seal Present: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s): _____

2.0 VOC CANISTERS EXAMINED UPON RECEIPT: RL.

Canister Valves Closed: ☑ YES ☐ NO Canister Valves Capped: ☑ YES ☐ NO

Sample IDs match COC: ☑ YES ☐ NO Other Equipment Received: ☑ YES ☐ NO

Valve Cap Tightened Properly: ☑ YES ☐ NO Can Size: ☑ 6L ☐ 1L Other: _____

Packing Material Used: (circle) None / Absorbent / Paper / Bubble Wrap 3 - Flow Cont.

Samples received in Tedlar bags ☐ N/A ☐ YES ☑ NO

3.0 CONDITION OF BOTTLES/CONTAINERS **VERIFIED BY:** _____

Sample IDs match COC: ☐ YES ☐ NO Bottles received intact: ☐ YES ☐ NO

See additional discrepancies/comments section: ☐ YES ☐ NO Samples received from USDA restricted area: ☐ YES ☐ NO

Chain-of-Custody form properly maintained: ☐ YES ☐ NO VOA trip blanks included: ☐ N/A ☐ YES ☐ NO

4.0 SAMPLE TEMPERATURE UPON RECEIPT BY: _____ **IR THERMOMETER #:** ☐ P5 ☐ P7

Container(s) temperature: TB = Temp. Blank and/or SC = Sample Container CF = Correction Factor *[acceptable tolerance ≤6°C]*

TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial	TB ☐ SC ☐ Initial
CF	CF	CF	CF	CF	CF	CF	CF
Final	Final	Final	Final	Final	Final	Final	Final

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☐ YES ☐ NO

5.0 PRESERVATION CHECKS

PRESERVATION OF SAMPLES REQUIRED: ☐ N/A ☐ YES ☐ VOA Samples **VERIFIED BY:** _____

NOTE: pH CHECK OF SAMPLES PERFORMED AT TIME OF ANALYSIS BY BENCH ANALYST

pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Cyanide samples checked for sulfides: ☐ YES ☐ NO

Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Chlorine checked per specification (EPA 335.x & N.C.) ☐ YES ☐ NO Free chlorine present: ☐ YES ☐ NO

If preservation is outside acceptable limit, PM notified (_____PM) Date/Time: _____

Volatile samples filled completely: ☐ YES ☐ NO [if no, list ID and approx. amt. of headspace (>6mm) in Comments Section 7.0]

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☐ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

Flow Cont. on top of cans - packed well.

C of C. not relinquished.

8.0 CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

Project Management Login Review: [signature] Date: 4/30/13

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE Revised 07/26/11

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Canister Samples Chain of Custody Record

AWD0183

TestAmerica Austin
14050 Summit Dr.
Suite A-100
Austin, TX 78728
phone: 512-244-0855 fax: 512-244-0160

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