

# Summary of Internal Audit of TCEQ Automated Gas Chromatograph (AutoGC) Monitors

# November 12, 2010

## **Background**

Performance evaluations of AutoGCs are conducted at least twice per year starting in Spring and lasting through the Summer and then again in the Fall before annual maintenance is performed. These evaluations consist of introducing control samples prepared from standards that are different from those used to calibrate the equipment. The results are used to identify instrument, operation, and validation issues.

In March 2010, a cylinder gas standard (ID# AAL073480) was obtained from a commercial gas vendor for use as a performance evaluation (PE) or control sample. The contents of this cylinder were then transferred into two smaller canisters that were subsequently analyzed in the TCEQ Austin Air Laboratory. Following this analysis, the canisters were distributed to a network of TCEQ air quality monitors also known as AutoGCs. Canister ID QC-2 was delivered to AutoGC sites in TCEQ Region 4 including the DISH and Eagle Mountain Lake (EML) sites.

The PE sample contained eight (8) compounds whose identity and concentration were unknown to the instrument operator at the time of analysis and reporting. While values were unknown to analysts in the field, a "Quick Response Report" was issued to site operations after analysis. This preliminary report was a listing of compounds in the sample and indentified compounds that were potentially outside of the 70-130 percent acceptance limit with a "Pass" or "Fail" statement. This report was developed to quickly address any discrepancies and allow for prompt corrective action without revealing the expected values to site operations.

Additionally, six of the eight compounds were selected based on the results of a previous PE sample where differences between the TCEQ Austin Air Lab and the AutoGC network, as compared to other reported compounds, were noted. The previous PE sample was prepared from a cylinder gas (ID# 230155) historically used as a qualitative standard. The six compounds were acetylene, n-heptane, methycyclohexane, 2-methylheptane, 3-methylheptane, and n-octane. Propane and benzene were present in the sample since these compounds are used to calibrate the system and are key indicators of system performance.

Differences between gas vendor propane concentrations and TCEQ Air Lab results were immediately noted. Propane results were consistently higher than vendor assigned values. The TCEQ Air Lab results averaged 5.4 ppbv compared to 3.6 ppbv stated by the vendor. Additionally, all 16 AutoGC sites reported higher than expected values for propane and averaged 5.1 ppbv.

As a result, the "Quick Response Report" prompted site operations to repeat the analysis of the PE sample based on propane results. For this report, results are presented using both the vendor's assigned values and average TCEQ Air Lab results.

#### **Analytical Instrumentation**

Each AutoGC system utilizes two "columns" (i.e., plot and boiling point) to separate hydrocarbons of interest.

-Compounds associated with the "plot" column are associated with "lighter" compounds that have two to six carbon atoms and include ethane, propane, n-butane, n-pentane, and 2,2-dimethylbutane.

-Compounds associated with the "boiling point" column are associated with "heavier" compounds that have six to ten carbon atoms and include benzene, n-heptane, n-octane, n-nonane, and n-decane.

Propane and benzene are primary calibration compounds that determine the validity of all other compounds. Propane is used to calibrate the "plot" column while benzene is used to calibrate the "boiling point" column. If an instrument response fails to meet an established recovery limit for propane then all compounds for the "plot" column are invalidated. The same holds true for benzene and the "boiling point" column.

#### **Summary of Results**

#### DISH:

Benzene results on 5/18/10 were within 2 percent of the vendor's values, an absolute difference of 0.1 ppbv (5.8 ppbv vendor vs. 5.9 ppbv observed). The analysis on 5/25/10 showed no difference with vendor values (5.8 ppbv vendor vs. 5.8 ppbv observed).

Benzene results on 5/18/10 were within 17 percent of the TCEQ Air Lab values, an absolute difference of 1.2 ppbv (7.1 ppbv TCEQ Air Lab vs. 5.9 ppbv observed). Similar results were obtained on 5/25/10 with a difference of 18 percent or an absolute difference of 1.3 ppbv (7.1 ppbv TCEQ Air Lab vs. 5.8 ppbv observed).

Using the vendor's assigned values, the DISH AutoGC results were within 30 percent for 7 of the 8 compounds present, excluding propane. Propane values assigned by the vendor were 50 percent lower than TCEQ Air Lab results. Overall, an average absolute difference of 9 percent (and 0.5 ppbv) was achieved, excluding propane, for the analysis conducted on 5/18/10. An average absolute difference of 9 percent (and 0.4 ppbv) was achieved, excluding propane, for the analysis conducted on 5/25/10.

DISH AutoGC results were within 30 percent of the TCEQ Air Lab values for all 8 compounds contained in the control sample. An average absolute difference of 10 percent (and 0.6 ppbv) was achieved for the analyses conducted on 5/18/10 and 5/25/10. Furthermore, quality control data was found to be within specified limits. No changes to site operation or equipment were initiated as a result of the audit.

#### EML:

Using the vendor's value for benzene, results on 5/20/10 were within 12 percent, an absolute difference of 0.7 ppbv (5.8 ppbv vendor vs. 5.1 ppbv observed). The analysis conducted on 5/25/10 resulted in a benzene difference of 17 percent, an absolute difference of 1.0 ppbv (5.8 ppbv vendor vs. 4.8 ppbv observed).

Benzene results on 5/20/10 were within 28 percent of the TCEQ Air Lab analysis results, an absolute difference of 2.0 ppbv (7.1 ppbv TCEQ Air Lab vs. 5.1 ppbv observed). The analysis conducted on 5/25/10 resulted in a benzene difference of 32 percent (4.8 ppbv). It should be noted that corrective action was taken by site operations on 5/25/10 in response to low recoveries of 1,2,4-trimethylbenzene. A new calibration curve was established and implemented resulting in increased recoveries, including benzene.

Overall, EML AutoGC results on 5/20/10 were within 30 percent of the vendor's values for 6 of the 8 compounds present, excluding propane and acetylene, and resulted in an average absolute difference of 12 percent (and 0.7 ppbv), excluding propane and acetylene. An average absolute difference of 13 percent (and 0.7 ppbv) was achieved, excluding propane and acetylene, for the analysis conducted on 5/25/10.

EML AutoGC results on 5/20/10 were within 30 percent of the TCEQ Air Lab values for 7 of the 8 compounds present, excluding acetylene. Low recovery of acetylene was directly correlated to quality control data for the monitor. An average absolute difference of 10 percent (and 0.6 ppbv) was achieved, excluding acetylene, for the analysis conducted on 5/20/10. An average absolute difference of 11 percent (and 0.7 ppbv) was achieved, excluding acetylene, for the analysis conducted on 5/25/10.

## Remaining TCEQ AutoGC Network:

Benzene results at fourteen AutoGC sites across the state were within 30 percent of the vendor's assigned value of 5.8 ppbv. Benzene differences ranged from 0 percent (5.8 ppbv) to 16 percent (6.7 ppbv) and averaged 5 percent (5.7 ppbv).

Benzene results at fourteen AutoGC sites were within 30 percent of the TCEQ Air Lab value of 7.1 ppbv. Benzene differences ranged from 6 percent (6.7 ppbv) to 28 percent (5.1 ppbv) and averaged 19 percent (5.7 ppbv).

Propane results at fourteen AutoGC sites were higher than the vendor's assigned value of 3.6 ppbv. Propane differences ranged from 28 percent (4.6 ppbv) to 69 percent (6.1 ppbv) and averaged 41 percent (5.1 ppbv) for the remaining sites in the network.

Propane values at fourteen AutoGC sites were within 30 percent of the TCEQ Air Lab value of 5.4 ppbv. Propane differences ranged from 0 percent (5.4 ppbv) to 15 percent (4.6 ppbv) and averaged 8 percent (5.1 ppbv) for the remaining sites in the network.

#### **Conclusion**

The vendor assigned propane value was 50 percent lower than the analysis results obtained from the TCEQ Air Lab and 42 percent lower than the average of the AutoGC network and strongly suggests that the vendor's assigned propane value is in error. The vendor that provided the standard is working with TCEQ to confirm the propane values as well as the other compounds in the cylinder.

Due to the unexpected differences observed with the vendor's propane values combined with the manufacturer's advertised uncertainty of the cylinder gas standard (ID# AAL073480) used for this PE sample, corrective actions were not taken as a result of differences that were greater than 30% from the vendor's assigned values. If AutoGC results for benzene and propane were greater than 30 percent from the average TCEQ Air Lab analytical result further investigation was conducted.

The EML and Odessa sites achieved the lowest benzene recoveries of 72% and 76% on 5/25/10 and 6/18/10 respectively that sampled canister ID QC-2. The EML site achieved a benzene recovery of 68% when repeat analysis was conducted 5/25/10 and appropriate corrective action was taken by site operations the same day in response to low recoveries of 1,2,4-trimethylbenzene. A new calibration curve was established and implemented resulting in increased recoveries, including benzene. The benzene quality control data at EML, while within limits, was lower than all other sites in the network.

Corrective actions were initiated by site operations at the Odessa site beginning 6/20/10 in response to reduced propane and benzene recoveries in routine quality control samples. Adjustments were made to hydrogen pressure settings, affecting flow rates which resulted in improved flame characteristics. Hydrogen flow rate problems continued and the flow controllers were replaced on 6/25/10. The benzene quality control data for the Odessa site was the next lowest recovery compared to other sites that sampled canister ID QC-2.

Operations of the AutoGC network were consistent and produced analytical results that closely agreed across the network and with the TCEQ Air Lab. Quality control data at each site closely mirrored the performance of the control sample. Furthermore, results of this assessment compare well with historical performance evaluations of these monitors. Additionally, the six compounds selected as a follow up study to a previous PE sample did not exhibit notable differences between the TCEQ Austin Air Lab and the network of AutoGCs.

# **Tabular Summaries of Results**

(Can 12293)	R12-Clinton R12-Channelview R14-Corpus Christi Palm R14-Oak Park R14-Solar Estates	7.1 7.1 7.1 7.1 7.1 7.1 <b>Averages:</b>	6.0 6.4 6.0 5.6 5.1 <b>5.7</b>	90% 85% 79% 72% <b>80%</b>	10% 15% 21% 28% <b>20%</b>	0.7 1.1 1.5 2.0 <b>1.4</b>	5/28/2010 6/17/2010 6/16/2010 6/16/2010	95.6% 93.0% 88.8% 91.9%
(Can 12293)	R12-Channelview R14-Corpus Christi Palm R14-Oak Park	7.1 7.1 7.1	6.4 6.0 5.6	90% 85% 79%	15% 21%	1.1 1.5	6/17/2010 6/16/2010	93.0% 88.8%
(Can 12293)	R12-Channelview R14-Corpus Christi Palm	7.1 7.1	6.4 6.0	90% 85%	15%	1.1	6/17/2010	93.0%
(Can 12293)	R12-Channelview	7.1	6.4	90%				
(Can 12293)								
(Can 12293)			5.9	83%	17%	1.2	5/28/2010	92.0%
(0 40000)	R10-Lamar	7.1	5.4	76%	24%	1.7	5/27/2010	85.8%
BENZENE	R10-Nederland (Run #2)	7.1	5.6	79%	21%	1.5	6/1/2010	91.2%
	R10-Nederland (Run #1)	7.1	5.8	82%	18%	1.3	5/27/2010	91.7%
	R12-Cesar Chavez	7.1	5.5	77%	23%	1.6	5/25/2010	86.5%
	R12-Milby Park (Run #2)	7.1	5.8	82%	18%	1.3	6/2/2010	89.6%
	R12-Milby Park (Run #1)	7.1	5.4	76%	24%	1.7	5/25/2010	81.2%
	R12-Deer Park	7.1	5.8	82%	18%	1.3	5/25/2010	88.3%
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(mm/dd/yy)	(%)
Benzen	e (Canister 12293)	Average Result	Result	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Analysis Date	Recovery
		TCEQ Air Lab			Absolute Difference	Absolute Difference		AutoGC LC
		v					•	
I		Averages:	5.0	93%	7%	0.4		
	R14-Solar Estates	5.4	4.6	85%	15%	0.8	6/16/2010	89.6%
	R14-Oak Park	5.4	5.0	93%	7%	0.4	6/16/2010	89.8%
	R14-Corpus Christi Palm	5.4	5.4	100%	0%	0.0	6/17/2010	95.0%
	R12-Channelview	5.4	5.6	104%	4%	0.2	5/28/2010	100.5%
/	R12-Clinton	5.4	4.9	91%	9%	0.5	5/28/2010	88.6%
(Can 12293)	R10-Lamar	5.4	4.8	89%	11%	0.6	5/27/2010	85.0%
PROPANE	R10-Nederland (Run #2)	5.4	5.1	94%	6%	0.3	6/1/2010	94.3%
	R12 Ocsal Onavez R10-Nederland (Run #1)	5.4	5.2	96%	4%	0.0	5/27/2010	93.2%
	R12-Cesar Chavez	5.4	4.8	89%	11%	0.4	5/25/2010	88.0%
	R12-Milby Park (Run #2)	5.4	5.0	93%	7%	0.4	6/2/2010	92.2%
	R12-Milby Park (Run #1)	5.4	4.6	85%	15%	0.8	5/25/2010	81.8%
I	R12-Deer Park	5.4	5.4	100%	0%	0.0	5/25/2010	95.3%
pan		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(mm/dd/yy)	(%)
Propane	e (Canister 12293)	Average Result	Result	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Analysis Date	Recovery
		TCEQ Air Lab			Absolute Difference	Absolute Difference		AutoGC LC
			•				*	
		Averages:	5.6	79%	21%	1.5	1	
	R7-Odessa	7.1	5.4	76%	24%	1.7	6/18/2010	85.2%
	R6-Chamizal	7.1	5.6	79%	21%	1.5	6/10/2010	89.7%
	R4-Eagle Mountain (Run #2)	7.1	4.8	68%	32%	2.3	5/25/2010	80.5%
(Can QC-2)	R4-Eagle Mountain (Run #1)	7.1	5.1	72%	28%	2.0	5/20/2010	79.2%
BENZENE	R4-DISH 2 (Run #2)	7.1	5.8	82%	18%	1.3	5/25/2010	91.7%
	R4-DISH (Run #1)	7.1	5.9	83%	17%	1.2	5/18/2010	90.6%
	R4-Meacham	7.1	5.5	77%	23%	1.6	5/13/2010	88.1%
	R4-Hinton	7.1	6.7	94%	6%	0.4	5/11/2010	102.6%
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(mm/dd/yy)	(%)
Benzen	e (Canister QC-2)	Average Result	Result	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Analysis Date	Recovery
		TCEQ Air Lab			Absolute Difference	Absolute Difference		AutoGC LC
Į		Averages:	5.3	98%	7%	0.4		
	R7-Odessa	5.4	4.6	85%	15%	0.8	6/18/2010	85.3%
	R6-Chamizal	5.4	4.8	89%	11%	0.6	6/10/2010	87.3%
, ,	R4-Eagle Mountain (Run #2)	5.4	5.6	104%	4%	0.2	5/25/2010	101.2%
(Can QC-2)	R4-Eagle Mountain (Run #1)	5.4	5.5	102%	2%	0.1	5/20/2010	100.1%
PROPANE	R4-DISH 2 (Run #2)	5.4	5.2	96%	4%	0.2	5/25/2010	91.3%
	R4-DISH (Run #1)	5.4	5.2	96%	4%	0.2	5/18/2010	91.4%
	R4-Meacham	5.4	5.2	96%	4%	0.2	5/13/2010	89.9%
	R4-Hinton	5.4	6.1	113%	13%	0.7	5/11/2010	116.1%
. opun		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(mm/dd/yy)	(%)
Pronan	e (Canister QC-2)	Average Result	Result	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Analysis Date	Recovery
		TCEQ Air Lab			Absolute Difference	Absolute Difference		AutoGC LC

E E							
L	DISH (5/18/10)	TCEQ Air Lab	DISH Result on		Absolute Difference	Absolute Difference	AutoGC LCS
	(	Average Results	5/18/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	5.2	96%	4%	0.2	91.4%
	ACETYLENE	5.7	4.9	86%	14%	0.8	68.6%
	BENZENE	7.1	5.9	83%	17%	1.2	90.6%
		5.0	5.5	110%	10%	0.5	NA
Can QC-2	METHYLCYCLOHEXANE	5.3	5.6	106%	6%	0.3	NA
	2-METHYLHEPTANE	5.1	5.7	112%	12%	0.6	NA
	3-METHYLHEPTANE	5.8	4.9	84%	16%	0.9	NA
	N-OCTANE	4.9	4.8	98%	2%	0.1	NA
			Averages:	97%	10%	0.6	
							4
		TCEQ Air Lab	DISH Result on		Absolute Difference	Absolute Difference	AutoGC LCS
C	DISH (5/25/10)	Average Results	5/25/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
	(,	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	5.2	96%	4%	0.2	91.3%
	ACETYLENE	5.7	4.9	86%	14%	0.8	67.9%
	BENZENE	7.1	5.8	82%	18%	1.3	91.7%
		5.0	5.4	108%	8%	0.4	NA
Can QC-2	METHYLCYCLOHEXANE	5.3	5.5	104%	4%	0.2	NA
	2-METHYLHEPTANE	5.1	5.7	112%	12%	0.6	NA
	3-METHYLHEPTANE	5.8	4.9	84%	16%	0.9	NA
	N-OCTANE	4.9	4.7	96%	4%	0.2	NA
			Averages:	96%	10%	0.6	
r		TCEQ Air Lab	EML Result on	-	Absolute Difference	Absolute Difference	AutoGC LC
t	EML (5/20/10)	Average Results	5/20/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
	1	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	5.5	102%	2%	0.1	100.3%
	ACETYLENE	5.7	2.9	51%	49%	2.8	41.5%
		-	-				
	BENZENE	7.1	5.1	72%	28%	2.0	79.2%
Can OC-2	N-HEPTANE	7.1 5.0	5.1 4.7	72% 94%	6%	2.0 0.3	
Can QC-2	N-HEPTANE METHYLCYCLOHEXANE	7.1	5.1	72%			79.2%
Can QC-2	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE	7.1 5.0	5.1 4.7 5.2 5.2	72% 94%	6%	0.3 0.1 0.1	79.2% NA
Can QC-2	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	7.1 5.0 5.3 5.1 5.8	5.1 4.7 5.2	72% 94% 98% 102% 81%	6% 2% 2% 19%	0.3 0.1 0.1 1.1	79.2% NA NA
Can QC-2	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE	7.1 5.0 5.3 5.1	5.1 4.7 5.2 5.2	72% 94% 98% 102%	6% 2% 2%	0.3 0.1 0.1	79.2% NA NA NA
Can QC-2	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	7.1 5.0 5.3 5.1 5.8	5.1 4.7 5.2 5.2 4.7	72% 94% 98% 102% 81%	6% 2% 2% 19%	0.3 0.1 0.1 1.1	79.2% NA NA NA NA
Can QC-2	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	7.1 5.0 5.3 5.1 5.8 4.9	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b>	72% 94% 98% 102% 81% 90%	6% 2% 2% 19% 10% <b>15%</b>	0.3 0.1 0.1 1.1 0.5 0.9	79.2% NA NA NA NA
	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE	7.1 5.0 5.3 5.1 5.8 4.9 TCEQ Air Lab	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b> EML Result on	72% 94% 98% 102% 81% 90% <b>86%</b>	6% 2% 2% 19% 10% <b>15%</b> Absolute Difference	0.3 0.1 0.1 1.1 0.5 0.9 Absolute Difference	79.2% NA NA NA NA AutoGC LC
	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	7.1 5.0 5.3 5.1 5.8 4.9 TCEQ Air Lab Average Results	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b> EML Result on 5/25/10	72% 94% 98% 102% 81% 90% 86% Recovery	6% 2% 2% 19% 10% <b>15%</b> Absolute Difference from TCEQ Air Lab	0.3 0.1 0.1 1.1 0.5 0.9 Absolute Difference from TCEQ Air Lab	79.2% NA NA NA NA AutoGC LC Recovery
	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10)	7.1 5.0 5.3 5.1 5.8 4.9 TCEQ Air Lab Average Results (ppbv)	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b> EML Result on 5/25/10 (ppbv)	72% 94% 98% 102% 81% 90% 86% Recovery (%)	6% 2% 2% 19% 10% <b>15%</b> Absolute Difference from TCEQ Air Lab (%)	0.3 0.1 0.1 1.1 0.5 0.9 Absolute Difference from TCEQ Air Lab (ppbv)	79.2% NA NA NA NA AutoGC LC Recovery (%)
	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10)	7.1 5.0 5.3 5.1 5.8 4.9 TCEQ Air Lab Average Results (ppbv) 5.4	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b> EML Result on 5/25/10 (ppbv) 5.6	72% 94% 98% 102% 81% 90% <b>86%</b> Recovery (%) 104%	6% 2% 2% 19% 10% <b>15%</b> Absolute Difference from TCEQ Air Lab (%) 4%	0.3 0.1 0.1 1.1 0.5 0.9 Absolute Difference from TCEQ Air Lab (ppbv) 0.2	79.2% NA NA NA NA AutoGC LC: Recovery (%) 101.2%
	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE	7.1 5.0 5.3 5.1 5.8 4.9 TCEQ Air Lab Average Results (ppbv) 5.4 5.7	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b> EML Result on 5/25/10 (ppbv) 5.6 3.0	72% 94% 98% 102% 81% 90% <b>86%</b> Recovery (%) 104% 53%	6% 2% 2% 19% 10% <b>15%</b> Absolute Difference from TCEQ Air Lab (%) 4% 47%	0.3 0.1 0.1 1.1 0.5 0.9 Absolute Difference from TCEQ Air Lab (ppbv) 0.2 2.7	79.2% NA NA NA NA AutoGC LC Recovery (%) 101.2% 41.0%
	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE BENZENE	7.1 5.0 5.3 5.1 5.8 4.9 TCEQ Air Lab Average Results (ppbv) 5.4 5.7 7.1	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b> EML Result on 5/25/10 (ppbv) 5.6 3.0 4.8	72% 94% 98% 102% 81% 90% <b>86%</b> Recovery (%) 104% 53% 68%	6% 2% 2% 19% 10% <b>15%</b> Absolute Difference from TCEQ Air Lab (%) 4% 47% 32%	0.3 0.1 0.1 1.1 0.5 0.9 Absolute Difference from TCEQ Air Lab (ppbv) 0.2 2.7 2.3	79.2% NA NA NA NA AutoGC LC Recovery (%) 101.2% 41.0% 80.5%
E	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE BENZENE N-HEPTANE	7.1 5.0 5.3 5.1 5.8 4.9 TCEQ Air Lab Average Results (ppbv) 5.4 5.7 7.1 5.0	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b> EML Result on 5/25/10 (ppbv) 5.6 3.0 4.8 4.7	72% 94% 98% 102% 81% 90% <b>86%</b> <b>86%</b> 104% 53% 68% 94%	6% 2% 2% 19% 10% <b>15%</b> Absolute Difference from TCEQ Air Lab (%) 4% 47% 32% 6%	0.3 0.1 0.1 1.1 0.5 0.9 Absolute Difference from TCEQ Air Lab (ppbv) 0.2 2.7 2.3 0.3	79.2% NA NA NA NA AutoGC LC Recovery (%) 101.2% 41.0% 80.5% NA
E	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE	7.1 5.0 5.3 5.1 5.8 4.9 TCEQ Air Lab Average Results (ppbv) 5.4 5.7 7.1 5.0 5.3	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b> EML Result on 5/25/10 (ppbv) 5.6 3.0 4.8 4.7 5.2	72% 94% 98% 102% 81% 90% <b>86%</b> <b>86%</b> 86% 104% 53% 68% 94% 98%	6% 2% 2% 19% 10% <b>15%</b> Absolute Difference from TCEQ Air Lab (%) 4% 47% 32% 6% 2%	0.3 0.1 0.1 1.1 0.5 0.9 Absolute Difference from TCEQ Air Lab (ppbv) 0.2 2.7 2.3 0.3 0.1	79.2% NA NA NA NA NA AutoGC LCC Recovery (%) 101.2% 41.0% 80.5% NA NA
E	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE	7.1 5.0 5.3 5.1 5.8 4.9 TCEQ Air Lab Average Results (ppbv) 5.4 5.7 7.1 5.0 5.3 5.1	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b> EML Result on 5/25/10 (ppbv) 5.6 3.0 4.8 4.7 5.2 5.2	72% 94% 98% 102% 81% 90% <b>86%</b> <b>86%</b> 104% 53% 68% 94% 98% 102%	6% 2% 2% 19% 10% <b>15%</b> Absolute Difference from TCEQ Air Lab (%) 4% 47% 32% 6% 2%	0.3 0.1 0.1 1.1 0.5 0.9 Absolute Difference from TCEQ Air Lab (ppbv) 0.2 2.7 2.3 0.3 0.1 0.1	79.2% NA NA NA NA NA AutoGC LC Recovery (%) 101.2% 41.0% 80.5% NA NA NA
	N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE	7.1 5.0 5.3 5.1 5.8 4.9 TCEQ Air Lab Average Results (ppbv) 5.4 5.7 7.1 5.0 5.3	5.1 4.7 5.2 5.2 4.7 4.4 <b>Averages:</b> EML Result on 5/25/10 (ppbv) 5.6 3.0 4.8 4.7 5.2	72% 94% 98% 102% 81% 90% <b>86%</b> <b>86%</b> 86% 104% 53% 68% 94% 98%	6% 2% 2% 19% 10% <b>15%</b> Absolute Difference from TCEQ Air Lab (%) 4% 47% 32% 6% 2%	0.3 0.1 0.1 1.1 0.5 0.9 Absolute Difference from TCEQ Air Lab (ppbv) 0.2 2.7 2.3 0.3 0.1	79.2% NA NA NA NA NA AutoGC LCC Recovery (%) 101.2% 41.0% 80.5% NA NA

	Hinton	TCEQ Air Lab	Hinton Result on		Absolute Difference	Absolute Difference	AutoGC LCS
		Average Results	5/11/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	<u>(</u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	113%	13%	0.7	116.1%
	ACETYLENE	5.7	4.7	82%	18%	1.0	52.2%
	BENZENE	7.1	6.7	94%	6%	0.4	102.6%
		5.0	6.3	126%	26%	1.3	NA
Can QC-2	METHYLCYCLOHEXANE	5.3	6.6	125%	25%	1.3	NA
	2-METHYLHEPTANE	5.1	6.7	131%	31%	1.6	NA
	3-METHYLHEPTANE	5.8	5.9	102%	2%	0.1	NA
	N-OCTANE	4.9	5.5	112%	12%	0.6	NA
		4.5	Averages:	111%	17%	0.0	
		TCEQ Air Lab	Meacham Result		Absolute Difference	Absolute Difference	AutoGC LCS
	Meacham	Average Results	on 5/13/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	5.2	96%	4%	0.2	89.9%
	ACETYLENE	5.7	3.8	67%	33%	1.9	55.9%
	BENZENE	7.1	5.5	77%	23%	1.6	88.1%
Can QC-2	N-HEPTANE	5.0	5.3	106%	6%	0.3	NA
Can QC-2	METHYLCYCLOHEXANE	5.3	5.5	104%	4%	0.2	NA
	2-METHYLHEPTANE	5.1	5.4	106%	6%	0.3	NA
	3-METHYLHEPTANE	5.8	4.8	83%	17%	1.0	NA
	N-OCTANE	4.9	4.6	94%	6%	0.3	NA
			Averages:	92%	12%	0.7	
		TCEQ Air Lab	Chamizal Result		Absolute Difference	Absolute Difference	AutoGC LCS
	Chamizal	Average Results	on 6/10/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
	Onannean	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	4.8	89%	11%	0.6	87.3%
	ACETYLENE	5.7	4.1	72%	28%	1.6	61.0%
	BENZENE	7.1	5.6	79%	21%	1.5	89.7%
		5.0	5.4	108%	8%	0.4	NA
Can QC-2	METHYLCYCLOHEXANE	5.3	5.5	104%	4%	0.2	NA
	2-METHYLHEPTANE	5.1	5.7	112%	12%	0.6	NA
	3-METHYLHEPTANE	5.8	5.0	86%	14%	0.8	NA
	N-OCTANE	4.9	4.8	98%	2%	0.1	NA
		4.0	Averages:	93%	12%	0.7	10/1
					Abaabaa Diff	Abashuta D'''	
		TCEQ Air Lab	Odessa Result on	David	Absolute Difference	Absolute Difference	AutoGC LCS
	Odessa	Average Results	6/18/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
	BRODANIE	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	4.6	85%	15%	0.8	85.3%
	ACETYLENE	5.7	4.2	74%	26%	1.5	65.2%
	BENZENE	7.1	5.4	76%	24%	1.7	85.2%
	N-HEPTANE	5.0	5.1	102%	2%	0.1	NA
Can QC-2	METHYLCYCLOHEXANE	5.3	5.2	98%	2%	0.1	NA
Can QC-2		5.1	5.4	106%	6%	0.3	NA
Can QC-2	2-METHYLHEPTANE						
Can QC-2	3-METHYLHEPTANE	5.8	4.7	81%	19%	1.1	NA
Can QC-2					19% 6% <b>12%</b>	1.1 0.3 <b>0.7</b>	NA NA

	Deer Park	TCEQ Air Lab	Deer Park Result	D	Absolute Difference	Absolute Difference	AutoGC LC
		Average Results	on 5/25/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
		5.4	5.4	100%	0%	0.0	95.3%
	ACETYLENE	6.1	4.2	69%	31%	1.9	56.6%
	BENZENE	7.1	5.8	82%	18%	1.3	88.3%
Can 12293	N-HEPTANE	4.8	5.6	117%	17%	0.8	NA
041112200	METHYLCYCLOHEXANE	4.8	5.8	121%	21%	1.0	NA
	2-METHYLHEPTANE	4.6	6.0	130%	30%	1.4	NA
	3-METHYLHEPTANE	5.1	5.3	104%	4%	0.2	NA
	N-OCTANE	5.2	5.0	96%	4%	0.2	NA
		0.2	Averages:	102%	16%	0.9	
		TCEQ Air Lab	Milby Park Result		Absolute Difference	Absolute Difference	AutoGC LC
Milb	y Park (5/25/10)	Average Results	on 5/25/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	4.6	85%	15%	0.8	81.8%
	ACETYLENE	6.1	4.2	69%	31%	1.9	47.0%
	BENZENE	7.1	5.4	76%	24%	1.7	81.2%
	N-HEPTANE	4.8	4.7	98%	2%	0.1	NA
Can 12293	METHYLCYCLOHEXANE	4.8	5.1	106%	6%	0.3	NA
	2-METHYLHEPTANE						
		4.6	4.9	107%	7%	0.3	NA
	3-METHYLHEPTANE	5.1	4.3	84%	16%	0.8	NA
	N-OCTANE	5.2	4.1	79%	21%	1.1	NA
			Averages:	88%	15%	0.9	
		TCEQ Air Lab	Milby Park Result		Absolute Difference	Absolute Difference	AutoGC LC
Mill	by Park (6/2/10)	Average Results	on 6/2/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recover
	- · · /	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	5.0	93%	7%	0.4	92.2%
	ACETYLENE	6.1	4.5	74%	26%	1.6	70.9%
	BENZENE	7.1	5.8	82%	18%	1.8	89.6%
	N-HEPTANE	4.8	5.0	104%	4%	0.2	NA
an 12293			<b>F</b> 4	113%	13%	0.6	NA
an 12293	METHYLCYCLOHEXANE	4.8	5.4	11370			
Can 12293		4.8			15%	0.7	NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE	4.6	5.3	115%		-	
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	4.6 5.1	5.3 4.6	115% 90%	10%	0.5	NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE	4.6	5.3	115%		-	
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	4.6 5.1 5.2	5.3 4.6 4.4 Averages:	115% 90% 85%	10% 15% <b>14%</b>	0.5 0.8 <b>0.8</b>	NA NA
	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE	4.6 5.1 5.2 TCEQ Air Lab	5.3 4.6 4.4 Averages: Cesar Chavez	115% 90% 85% <b>94%</b>	10% 15% 14% Absolute Difference	0.5 0.8 0.8 Absolute Difference	NA NA AutoGC LC
	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	4.6 5.1 5.2 TCEQ Air Lab Average Results	5.3 4.6 4.4 Averages:	115% 90% 85% <b>94%</b> Recovery	10% 15% 14% Absolute Difference from TCEQ Air Lab	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab	NA NA AutoGC L0 Recover
	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE	4.6 5.1 5.2 TCEQ Air Lab	5.3 4.6 4.4 Averages: Cesar Chavez	115% 90% 85% 94% Recovery (%)	10% 15% 14% Absolute Difference from TCEQ Air Lab (%)	0.5 0.8 0.8 Absolute Difference	NA NA AutoGC L0 Recover (%)
	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE	4.6 5.1 5.2 TCEQ Air Lab Average Results	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10	115% 90% 85% <b>94%</b> Recovery	10% 15% 14% Absolute Difference from TCEQ Air Lab	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab	NA NA AutoGC L0 Recover
	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Cesar Chavez PROPANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8	115% 90% 85% 94% Recovery (%) 89%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6	NA NA AutoGC L0 Recover (%) 88.0%
	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1	115% 90% 85% 94% Recovery (%) 89% 67%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0	NA NA AutoGC L0 Recover (%) 88.0% 62.7%
	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5	115% 90% 85% 94% Recovery (%) 89% 67% 77%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6	NA NA AutoGC L0 Recover (%) 88.0% 62.7% 86.5%
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE N-HEPTANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 2%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1	NA NA AutoGC LI Recover (%) 88.0% 62.7% 86.5% NA
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.8	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5	NA NA AutoGC LI Recover (%) 88.0% 62.7% 86.5% NA NA
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE N-HEPTANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 2%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1	NA NA AutoGC LI Recover (%) 88.0% 62.7% 86.5% NA
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.8	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5	NA NA AutoGC L Recover (%) 88.0% 62.7% 86.5% NA NA
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.8 4.8 4.6 5.1	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 5.3 4.6	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5	NA NA AutoGC L Recover (%) 88.0% 62.7% 86.5% NA NA NA
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.8 4.8 4.6	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 5.3 4.6 4.5	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7	NA NA AutoGC L Recover (%) 88.0% 62.7% 86.5% NA NA NA
	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.8 4.8 4.6 5.1	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 5.3 4.6	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5	NA NA AutoGC L0 Recover (%) 88.0% 62.7% 86.5% NA NA NA NA
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.8 4.8 4.6 5.1	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 5.3 4.6 4.5	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7	NA NA NA AutoGC L <sup>1</sup> Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.8 4.8 4.6 5.1 5.2 TCEQ Air Lab	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87%	10%           15%           14%           Absolute Difference           from TCEQ Air Lab           (%)           11%           33%           23%           2%           10%           15%           10%           15%           10%           15%           10%           15%           Absolute Difference	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference	NA NA NA AutoGC LI Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE <b>Cesar Chavez</b> PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	4.6           5.1           5.2           TCEQ Air Lab           Average Results (ppbv)           5.4           6.1           7.1           4.8           4.6           5.1           5.2	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10	115% 90% 85% 94% Recovery (%) 89% 67% 67% 77% 102% 110% 115% 90% 87% 92% Recovery	10%           15%           14%           Absolute Difference           from TCEQ Air Lab           (%)           11%           33%           23%           2%           10%           15%           10%           15%           10%           15%           10%           15%           10%           15%           10%           13%           15%           Constant           10%           13%           15%           Absolute Difference           from TCEQ Air Lab	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab	NA NA AutoGC L0 Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA AutoGC L0 Recover
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Cesar Chavez PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Clinton	4.6           5.1           5.2           TCEQ Air Lab           Average Results (ppbv)           5.4           6.1           7.1           4.8           4.6           5.1           5.2	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv)	115% 90% 85% 94% Recovery (%) 89% 67% 67% 77% 102% 110% 115% 90% 87% 92% Recovery (%)	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 23% 23% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 2% 10% 15% 15% 10% 15% 15% 15% 15% 15% 15% 15% 15	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv)	NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Cesar Chavez PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Clinton PROPANE	4.6           5.1           5.2           TCEQ Air Lab           Average Results (ppbv)           5.4           6.1           7.1           4.8           4.6           5.1           5.2	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 5.3 4.6 4.5 Averages: Clinton Result on 5/28/10 (ppbv) 4.9	115% 90% 85% 94% 89% 67% 77% 102% 110% 115% 90% 87% 92% Recovery (%) 91%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 15% 2% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 10% 15% 10% 10% 15% 10% 10% 10% 15% 10% 10% 10% 10% 10% 10% 10% 10	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5	NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Cesar Chavez PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Clinton PROPANE ACETYLENE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 4.9 4.4	115% 90% 85% 94% 85% 94% 67% 77% 102% 110% 115% 90% 87% 92% Recovery (%) 91% 72%	10%           15%           14%           Absolute Difference           from TCEQ Air Lab           (%)           11%           33%           23%           2%           10%           15%           10%           15%           10%           13%           15%           0%           13%           2%           10%           15%           0%           13%           15%           28%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7	NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA SA SA S 86.5% NA NA SA S 86.5% S 84%
C	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Cesar Chavez PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Clinton PROPANE	4.6           5.1           5.2           TCEQ Air Lab           Average Results (ppbv)           5.4           6.1           7.1           4.8           4.6           5.1           5.2	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 5.3 4.6 4.5 Averages: Clinton Result on 5/28/10 (ppbv) 4.9	115% 90% 85% 94% 89% 67% 77% 102% 110% 115% 90% 87% 92% Recovery (%) 91%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 15% 2% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 15% 10% 10% 15% 10% 10% 10% 10% 10% 10% 10% 10	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5	NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA SA SA S 86.5% NA NA SA S 86.5% S 84%
<b>C</b> 2an 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Cesar Chavez PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE Clinton PROPANE ACETYLENE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 4.9 4.9 5.3	115% 90% 85% 94% 85% 94% 67% 77% 102% 110% 115% 90% 87% 92% 87% 92% Recovery (%) 91% 72% 83%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 13% 15% Absolute Difference from TCEQ Air Lab (%) 9% 28% 17%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7	NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA SA SA S 86.5% NA NA SA S 86.5% S 84%
<b>C</b> Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  PROPANE ACETYLENE BENZENE N-HEPTANE N-HEPTANE N-HEPTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 4.4 5.9 5.4	115% 90% 85% 94% 85% 94% 67% 77% 102% 110% 115% 90% 87% 92% Recovery (%) 91% 72% 83% 113%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 2% 10% 15% 10% 15% 10% 15% 10% 15% 10% 13% 28% Absolute Difference from TCEQ Air Lab (%) 9% 28% 17% 13%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA S8.6% 58.4% 92.0% NA
<b>C</b> 2an 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE N-HEPTANE N-HEPTANE METHYLCYCLOHEXANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.6 5.1 5.2	5.3           4.6           4.4           Averages:           Cesar Chavez           Result on 5/25/10 (ppbv)           4.8           4.1           5.5           4.9           5.3           5.3           4.6           4.5           Averages:           Clinton Result on 5/28/10 (ppbv)           4.9           5.9           5.4           5.5	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% Recovery (%) 91% 72% 83% 113%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 2% 10% 15% 10% 15% 10% 15% Absolute Difference from TCEQ Air Lab (%) 9% 28% 17% 13% 15%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA
<b>C</b> Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE N-HEPTANE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLHEPTANE	4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.6 5.1 5.2 TCEQ Air Lab Average Results (ppbv) 5.4 6.1 7.1 4.8 4.6 5.1 5.2	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 5.28/10 (ppbv) 4.9 5.28/10 (ppbv) 5.3 5.3 5.3 5.3 5.3 4.6 4.5 <b>Averages:</b>	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% Recovery (%) 91% 72% 83% 113% 115% 122%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 2% 10% 15% 10% 15% 10% 15% Absolute Difference from TCEQ Air Lab (%) 9% 28% 17% 13% 15% 22%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.1 0.5 0.7 0.1 0.5 0.5 0.7 0.1 0.5 0.5 0.5 0.1.7 0.1.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA S8.6% 58.4% 92.0% NA NA
<b>C</b> an 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLEPTANE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 5.28/10 (ppbv) 4.9 5.4 5.5 5.4 5.5 5.6 4.9	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% 87% 92% 87% 91% 72% 83% 113% 115% 112% 96%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 2% 10% 15% 10% 15% 10% 15% 28% 17% 13% 15% 28% 17% 13% 15% 22% 4%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.2	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA S8.6% 58.4% 92.0% NA NA NA
<b>C</b> an 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE N-HEPTANE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLHEPTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 5.9 5.4 5.5 5.6 4.9 5.1	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% 87% 92% 87% 92% 83% 113% 115% 115% 1122% 96% 98%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 40% 15% 28% 17% 13% 15% 28% 17% 13% 15% 22% 4% 2%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.2 0.1	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA S8.6% 58.4% 92.0% NA NA
<b>C</b> 2an 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLEPTANE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 5.28/10 (ppbv) 4.9 5.4 5.5 5.4 5.5 5.6 4.9	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% 87% 92% 87% 91% 72% 83% 113% 115% 112% 96%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 2% 10% 15% 10% 15% 10% 15% 28% 17% 13% 15% 28% 17% 13% 15% 22% 4%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.2	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA S8.6% 58.4% 92.0% NA NA NA
<b>C</b> Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLEPTANE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.4         6.1         7.1         4.8         4.8         4.8         4.8         4.8         4.8         4.6         5.1         5.2	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 4.4 5.9 5.4 5.5 5.6 4.9 5.4 5.5 5.6 4.9 5.1 <b>Averages:</b>	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% 87% 92% 87% 92% 83% 113% 115% 115% 1122% 96% 98%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 15% 2% Absolute Difference from TCEQ Air Lab (%) 9% 28% 17% 13% 15% 22% 4% 2% 14%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.0 0.5 0.7 0.0 0.7 0.0 0.5 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.0	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA S8.6% 58.4% 92.0% NA NA NA NA NA NA NA NA NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE S-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.4         6.1         7.1         4.8         4.8         4.8         4.8         4.8         4.8         5.1         5.2         TCEQ Air Lab	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 4.4 5.9 5.4 5.5 5.6 4.9 5.5 5.6 4.9 5.1 <b>Averages:</b>	115% 90% 85% 94% Recovery (%) 89% 67% 102% 110% 115% 90% 87% 90% 87% 92% 82% 83% 113% 115% 115% 115% 96% 98% 98% 98%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 13% 15% Absolute Difference from TCEQ Air Lab (%) 9% 28% 17% 13% 15% 22% 4% 2% 14% Absolute Difference	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.0 0.5 0.7 0.7 0.5 0.7 0.0 0.5 0.7 0.0 0.5 0.7 0.0 0.5 0.7 0.0 0.5 0.7 0.0 0.5 0.7 0.0 0.7 0.0 0.5 0.7 0.0 0.7 0.0 0.5 0.7 0.0 0.5 0.7 0.0 0.7 0.0 0.5 0.0 0.7 0.0 0.5 0.0 0.7 0.0 0.5 0.0 0.7 0.0 0.5 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.2 0.0 0.1 0.0 0.2 0.0 0.1 0.0 0.2 0.0 0.1 0.0 0.2 0.0 0.1 0.0 0.2 0.0 0.1 0.0 0.2 0.0 0.1 0.0 0.2 0.0 0.1 0.0 0.2 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLEPTANE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.4         6.1         7.1         4.8         4.8         4.8         4.8         4.8         4.8         4.8         5.1         5.2         TCEQ Air Lab         Average Results	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 5.4 5.5 5.6 4.9 5.4 5.5 5.6 4.9 5.1 <b>Averages:</b> Channelview Result on 5/28/10	115% 90% 85% 94% Recovery (%) 89% 67% 102% 110% 115% 90% 87% 90% 87% 92% 87% 92% 87% 92% 87% 92% 83% 113% 115% 115% 115% 115% 96% 98% 98% 99%	10%           15%           14%           Absolute Difference           from TCEQ Air Lab           (%)           11%           33%           23%           2%           10%           15%           10%           15%           Absolute Difference           from TCEQ Air Lab           (%)           9%           28%           17%           13%           15%           22%           4%           2%           14%           Absolute Difference           from TCEQ Air Lab           Mode           14%           Absolute Difference           from TCEQ Air Lab	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.5 0.7 0.7 0.2 0.7 0.7 0.7 0.7 0.7 0.5 0.7 0.7 0.7 0.2 0.7 0.2 0.7 0.2 0.7 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  PROPANE ACETYLENE BENZENE N-HEPTANE N-HEPTANE ACETYLENE BENZENE N-HEPTANE ACETYLENE BENZENE N-HEPTANE ACETYLENE BENZENE N-HEPTANE ACETYLENE BENZENE N-HEPTANE ACETHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Channelview	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.8         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         TCEQ Air Lab         Average Results (ppbv)	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 5.4 5.5 5.6 4.9 5.4 5.5 5.6 4.9 5.1 <b>Averages:</b> Channelview Result on 5/28/10 (ppbv)	115% 90% 85% 94% 85% 94% 67% 67% 102% 110% 115% 102% 87% 90% 87% 92% 87% 92% 83% 113% 115% 115% 113% 115% 122% 96% 98% 98% 99%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 13% 15% 28% 17% 13% 15% 28% 17% 13% 15% 22% 4% 2% 14% 14%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv)	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Channelview PROPANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.4         6.1         7.1         4.8         4.8         4.8         4.8         4.8         4.8         4.8         5.1         5.2         TCEQ Air Lab         Average Results	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 5.4 5.5 5.6 4.9 5.4 5.5 5.6 4.9 5.1 <b>Averages:</b> Channelview Result on 5/28/10	115% 90% 85% 94% Recovery (%) 89% 67% 102% 110% 115% 90% 87% 90% 87% 92% 87% 92% 87% 92% 87% 92% 83% 113% 115% 115% 115% 115% 96% 98% 98% 99%	10%           15%           14%           Absolute Difference           from TCEQ Air Lab           (%)           11%           33%           23%           2%           10%           15%           10%           15%           Absolute Difference           from TCEQ Air Lab           (%)           9%           28%           17%           13%           15%           22%           4%           2%           14%           Absolute Difference           from TCEQ Air Lab           Mode           14%           Absolute Difference           from TCEQ Air Lab	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.5 0.7 0.7 0.2 0.7 0.7 0.7 0.7 0.7 0.5 0.7 0.7 0.7 0.2 0.7 0.2 0.7 0.2 0.7 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	NA NA NA AutoGC L0 Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA AutoGC L0 Recover (%) 88.6% 58.4% 92.0% NA NA NA NA NA NA NA NA NA NA NA NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Channelview PROPANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4	5.3         4.6         4.4         Averages:         Cesar Chavez         Result on 5/25/10 (ppbv)         4.8         4.1         5.5         4.9         5.3         4.6         4.5         Averages:         Clinton Result on 5/28/10 (ppbv)         4.9         5.3         4.6         4.5         Averages:         Clinton Result on 5/28/10 (ppbv)         4.9         5.1         Averages:         Channelview         Result on 5/28/10 (ppbv)         5.6         4.9         5.1         Averages:	115% 90% 85% 94% 85% 94% 67% 67% 102% 110% 115% 102% 87% 90% 87% 92% 87% 92% 83% 113% 115% 115% 113% 115% 122% 96% 98% 98% 99%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 13% 15% 28% 17% 13% 15% 28% 17% 13% 15% 22% 4% 2% 14% 14%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv)	NA NA NA NA Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE N-HEPTANE ACETYLENE BENZENE N-HEPTANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE 3-METHYLHEPTANE Channelview PROPANE ACETYLENE	4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.2	5.3         4.6         4.4         Averages:         Cesar Chavez         Result on 5/25/10 (ppbv)         4.8         4.1         5.5         4.9         5.3         4.6         4.5         Averages:         Clinton Result on 5/28/10 (ppbv)         4.9         5.1         Averages:         Channelview         Result on 5/28/10 (ppbv)         5.1         Averages:	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87% 92% 87% 92% 83% 113% 115% 122% 83% 113% 115% 122% 96% 98% 98% 99%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 15% 2% 4% 28% 17% 13% 15% 22% 4% 2% 14% Absolute Difference from TCEQ Air Lab (%) 4% 16%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.2 0.1 0.2 0.1	NA NA NA NA AutoGC L0 Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA S8.6% 58.4% 92.0% NA NA NA NA NA NA NA NA NA NA NA NA NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLLHEPTANE 3-METHYLCYCLOHEXANE 2-METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Channelview PROPANE ACETYLENE BENZENE N-DOCTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         5.4         6.1         7.1	5.3         4.6         4.4         Averages:         Cesar Chavez         Result on 5/25/10 (ppbv)         4.8         4.1         5.5         4.9         5.3         4.6         4.5         Averages:         Clinton Result on 5/28/10 (ppbv)         4.9         4.9         5.1         Averages:         Channelview         Result on 5/28/10 (ppbv)         5.1         Averages:	115% 90% 85% 94% Recovery (%) 89% 67% 77% 102% 110% 115% 90% 87% 92% 87% 92% 87% 92% 83% 113% 115% 122% 83% 113% 115% 122% 96% 98% 98% 99%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 23% 23% 23% 10% 15% 10% 15% 10% 15% 10% Absolute Difference from TCEQ Air Lab (%) 9% 28% 17% 13% 15% 22% 4% 2% 14% 2% 14% Absolute Difference from TCEQ Air Lab (%) 4% 16% 10%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.5 1.7 1.2 0.6 0.7 1.0 0.5 1.7 1.0 0.5 0.7 0.5 1.7 1.2 0.6 0.7 0.5 1.7 1.2 0.6 0.7 0.5 1.7 1.2 0.5 0.7 0.5 1.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 0.5 0.7 0.7 0.5 0.7 0.5 0.7 0.7 0.5 0.7 0.2 0.7 0.2 0.7 0.2 0.7 0.2 0.7 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 0.10 0.2 0.1 0.2 0.2 0.1 0.2 0.1 0.2 0.2 0.1 0.2 0.1 0.2 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	NA NA NA NA AutoGC L0 Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE S-METHYLHEPTANE N-OCTANE  Channelview  PROPANE ACETYLENE BENZENE N-OCTANE  PROPANE ACETYLENE BENZENE N-OCTANE  PROPANE ACETYLENE BENZENE N-OCTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.8         4.8         4.8         4.8         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8	5.3 4.6 4.4 Averages: Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 Averages: Clinton Result on 5/28/10 (ppbv) 4.9 5.3 5.3 4.6 4.5 Averages: Clinton Result on 5/28/10 (ppbv) 4.9 5.4 5.5 5.6 4.9 5.4 5.5 5.6 4.9 5.4 5.5 5.6 4.9 5.1 Averages: Channelview Result on 5/28/10 (ppbv) 5.6 5.7 5.6 4.9 5.1 6.4 5.9	115% 90% 85% 94% Recovery (%) 89% 67% 67% 77% 102% 110% 115% 90% 87% 92% 83% 91% 72% 83% 113% 115% 112% 96% 98% 98% 98% 98% 98% 98% 99%	10%           15%           14%           Absolute Difference           from TCEQ Air Lab           (%)           11%           33%           23%           2%           10%           15%           10%           15%           10%           13%           15%           28%           17%           13%           15%           22%           4%           2%           14%           Absolute Difference           from TCEQ Air Lab           (%)           9%           28%           17%           13%           15%           22%           4%           2%           4%           6%           16%           10%           23%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.2 0.1 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.2 1.0 0.2 1.0 0.7 1.0 0.2 0.1	NA           NA           NA           Recover           (%)           88.0%           62.7%           86.5%           NA           AutoGC LL           Recover           (%)           100.5% <tr td="">           NA  &lt;</tr>
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Channelview  PROPANE ACETYLENE BENZENE N-OCTANE  PROPANE ACETYLENE BENZENE N-OCTANE  PROPANE ACETYLENE BENZENE N-OCTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.8	5.3         4.6         4.4         Averages:         Cesar Chavez         Result on 5/25/10 (ppbv)         4.8         4.1         5.5         4.9         5.3         5.3         4.6         4.5         Averages:         Clinton Result on 5/28/10 (ppbv)         4.9         5.9         5.4         5.5         5.6         4.9         5.5         5.6         4.9         5.1         Averages:         Channelview         Result on 5/28/10 (ppbv)         5.6         4.9         5.1         6.4         5.9         6.2	115% 90% 85% 94% Recovery (%) 89% 67% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% 87% 92% 83% 91% 72% 83% 113% 115% 122% 96% 98% 98% 98% 99% Recovery (%) 104% 84% 90% 123% 129%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% Absolute Difference from TCEQ Air Lab (%) 9% 28% 17% 13% 15% 22% 4% 2% 14% 2% 14% Absolute Difference from TCEQ Air Lab (%) 16% 16% 10% 23%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.2 0.6 0.7 1.2 0.6 0.7 1.2 0.6 0.7 1.2 0.6 0.7 1.2 0.5 1.7 1.2 0.6 0.7 1.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 1.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 1.0 0.2 0.1 0.2 0.1 0.2 0.7 1.0 0.2 0.1 0.2 0.1 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.2 0.7 0.2 0.7 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.1 0.2 0.2 0.1	NA NA NA NA AutoGC L0 Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Channelview  PROPANE ACETYLENE BENZENE N-HEPTANE N-OCTANE  Channelview PROPANE ACETYLENE BENZENE N-HEPTANE N-OCTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.6 <td>5.3         4.6         4.4         Averages:         Cesar Chavez         Result on 5/25/10 (ppbv)         4.8         4.1         5.5         4.9         5.3         5.3         4.6         4.5         Averages:         Clinton Result on 5/28/10 (ppbv)         4.9         5.9         5.4         5.5         5.6         4.9         5.1         Averages:         Channelview         Result on 5/28/10 (ppbv)         5.6         5.1         6.4         5.9         6.1         6.2         6.3</td> <td>115% 90% 85% 94% Recovery (%) 89% 67% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% 83% 91% 72% 83% 113% 115% 122% 96% 98% 98% 98% 98% 99% Recovery (%) 104% 84% 90% 123% 129% 137%</td> <td>10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 13% 15% 28% 17% 13% 15% 28% 17% 13% 15% 22% 4% 28% 17% 13% 15% 22% 4% 16% 16% 10% 23% 23%</td> <td>0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.5 0.7 1.0 0.5 1.7 1.2 0.6 0.7 1.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 1.0 0.2 0.1 0.2 0.7 0.2 0.1 0.5 0.7 0.7 0.5 0.7 0.2 0.7 0.2 0.7 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.7 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.2 0.1 0.7 0.2 0.1 0.2 0.7 0.2 0.1 0.7 0.2 0.7 0.1 0.7 0.2 0.7 0.1 0.7 0.7 0.2 0.7 0.7 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7</td> <td>NA NA NA NA NA Recover (%) 88.0% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA</td>	5.3         4.6         4.4         Averages:         Cesar Chavez         Result on 5/25/10 (ppbv)         4.8         4.1         5.5         4.9         5.3         5.3         4.6         4.5         Averages:         Clinton Result on 5/28/10 (ppbv)         4.9         5.9         5.4         5.5         5.6         4.9         5.1         Averages:         Channelview         Result on 5/28/10 (ppbv)         5.6         5.1         6.4         5.9         6.1         6.2         6.3	115% 90% 85% 94% Recovery (%) 89% 67% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% 83% 91% 72% 83% 113% 115% 122% 96% 98% 98% 98% 98% 99% Recovery (%) 104% 84% 90% 123% 129% 137%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 13% 15% 28% 17% 13% 15% 28% 17% 13% 15% 22% 4% 28% 17% 13% 15% 22% 4% 16% 16% 10% 23% 23%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.5 0.7 1.0 0.5 1.7 1.2 0.6 0.7 1.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 1.0 0.2 0.1 0.2 0.7 0.2 0.1 0.5 0.7 0.7 0.5 0.7 0.2 0.7 0.2 0.7 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.7 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.2 0.1 0.7 0.2 0.1 0.2 0.7 0.2 0.1 0.7 0.2 0.7 0.1 0.7 0.2 0.7 0.1 0.7 0.7 0.2 0.7 0.7 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NA NA NA NA NA Recover (%) 88.0% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Channelview  PROPANE ACETYLENE BENZENE N-OCTANE  PROPANE ACETYLENE BENZENE N-OCTANE  PROPANE ACETYLENE BENZENE N-OCTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.1         5.2         TCEQ Air Lab         Average Results (ppbv)         5.4         6.1         7.1         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.8	5.3 4.6 4.4 <b>Averages:</b> Cesar Chavez Result on 5/25/10 (ppbv) 4.8 4.1 5.5 4.9 5.3 5.3 4.6 4.5 <b>Averages:</b> Clinton Result on 5/28/10 (ppbv) 4.9 5.4 5.5 5.6 4.9 5.4 5.5 5.6 4.9 5.4 5.5 5.6 4.9 5.1 <b>Averages:</b> Channelview Result on 5/28/10 (ppbv) 5.5 5.6 4.9 5.1 <b>Averages:</b> Channelview Result on 5/28/10 (ppbv) 5.6 4.9 5.1 <b>Averages:</b> Channelview Result on 5/28/10 (ppbv) 5.6 4.9 5.1 <b>Averages:</b> Channelview Result on 5/28/10 (ppbv) 5.6 4.9 5.1 <b>Averages:</b> Channelview Result on 5/28/10 (ppbv) 5.6 5.1 6.4 5.9 6.2 6.3 5.4	115% 90% 85% 94% Recovery (%) 89% 67% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% 87% 92% 83% 91% 72% 83% 113% 115% 122% 96% 98% 98% 98% 99% Recovery (%) 104% 84% 90% 123% 129%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% Absolute Difference from TCEQ Air Lab (%) 9% 28% 17% 13% 15% 22% 4% 2% 14% 2% 14% Absolute Difference from TCEQ Air Lab (%) 16% 16% 10% 23%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.2 0.6 0.7 1.2 0.6 0.7 1.2 0.6 0.7 1.2 0.6 0.7 1.2 0.5 1.7 1.2 0.6 0.7 1.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 1.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 1.0 0.2 0.1 0.2 0.1 0.2 0.7 1.0 0.2 0.1 0.2 0.1 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.2 0.7 0.2 0.7 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.2 0.1 0.2 0.1 0.2 0.2 0.1	NA           NA           NA           Recover           (%)           88.0%           62.7%           86.5%           NA           AutoGC LL           Recover           (%)           100.5% <tr td="">           NA</tr>
Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Cesar Chavez  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE N-OCTANE  Clinton  PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE  Channelview  PROPANE ACETYLENE BENZENE N-HEPTANE N-OCTANE  Channelview PROPANE ACETYLENE BENZENE N-HEPTANE N-OCTANE	4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.6         5.1         5.2         TCEQ Air Lab         Average Results         (ppbv)         5.4         6.1         7.1         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.6 <td>5.3         4.6         4.4         Averages:         Cesar Chavez         Result on 5/25/10 (ppbv)         4.8         4.1         5.5         4.9         5.3         5.3         4.6         4.5         Averages:         Clinton Result on 5/28/10 (ppbv)         4.9         5.9         5.4         5.5         5.6         4.9         5.1         Averages:         Channelview         Result on 5/28/10 (ppbv)         5.6         5.1         6.4         5.9         6.1         6.2         6.3</td> <td>115% 90% 85% 94% Recovery (%) 89% 67% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% 83% 91% 72% 83% 113% 115% 122% 96% 98% 98% 98% 98% 99% Recovery (%) 104% 84% 90% 123% 129% 137%</td> <td>10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 13% 15% 28% 17% 13% 15% 28% 17% 13% 15% 22% 4% 28% 17% 13% 15% 22% 4% 16% 16% 10% 23% 23%</td> <td>0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.5 0.7 1.0 0.5 1.7 1.2 0.6 0.7 1.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 1.0 0.2 0.1 0.2 0.7 0.2 0.1 0.5 0.7 0.7 0.5 0.7 0.2 0.7 0.2 0.7 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.7 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.2 0.1 0.7 0.2 0.1 0.2 0.7 0.2 0.1 0.7 0.2 0.7 0.1 0.7 0.2 0.7 0.1 0.7 0.7 0.2 0.7 0.7 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7</td> <td>NA NA NA NA AutoGC L( Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA</td>	5.3         4.6         4.4         Averages:         Cesar Chavez         Result on 5/25/10 (ppbv)         4.8         4.1         5.5         4.9         5.3         5.3         4.6         4.5         Averages:         Clinton Result on 5/28/10 (ppbv)         4.9         5.9         5.4         5.5         5.6         4.9         5.1         Averages:         Channelview         Result on 5/28/10 (ppbv)         5.6         5.1         6.4         5.9         6.1         6.2         6.3	115% 90% 85% 94% Recovery (%) 89% 67% 67% 77% 102% 110% 115% 90% 87% 90% 87% 92% 83% 91% 72% 83% 113% 115% 122% 96% 98% 98% 98% 98% 99% Recovery (%) 104% 84% 90% 123% 129% 137%	10% 15% 14% Absolute Difference from TCEQ Air Lab (%) 11% 33% 23% 23% 2% 10% 15% 10% 15% 10% 15% 10% 13% 15% 28% 17% 13% 15% 28% 17% 13% 15% 22% 4% 28% 17% 13% 15% 22% 4% 16% 16% 10% 23% 23%	0.5 0.8 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.6 2.0 1.6 0.1 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.8 Absolute Difference from TCEQ Air Lab (ppbv) 0.5 1.7 1.2 0.6 0.7 1.0 0.5 0.7 1.0 0.5 1.7 1.2 0.6 0.7 1.0 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 1.0 0.2 0.1 0.2 0.7 0.2 0.1 0.5 0.7 0.7 0.5 0.7 0.2 0.7 0.2 0.7 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.7 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.7 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.2 0.1 0.7 0.2 0.1 0.2 0.7 0.2 0.1 0.7 0.2 0.7 0.1 0.7 0.2 0.7 0.1 0.7 0.7 0.2 0.7 0.7 0.1 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	NA NA NA NA AutoGC L( Recover (%) 88.0% 62.7% 86.5% NA NA NA NA NA NA NA NA NA NA NA NA NA

Ned	lerland (5/27/10)	TCEQ Air Lab Average Results (ppbv)	Nederland Result on 5/27/10 (ppbv)	Recovery (%)	Absolute Difference from TCEQ Air Lab (%)	Absolute Difference from TCEQ Air Lab (ppbv)	AutoGC LCS Recovery (%)
	PROPANE	5.4	5.2	96%	4%	0.2	93.2%
	ACETYLENE	6.1	4.5	74%	26%	1.6	73.1%
	BENZENE	7.1	5.8	82%	18%	1.3	91.7%
Can 12293	N-HEPTANE	4.8	5.5	115%	15%	0.7	NA
Gan 12295	METHYLCYCLOHEXANE	4.8	5.6	117%	17%	0.8	NA
	2-METHYLHEPTANE	4.6	5.9	128%	28%	1.3	NA
	3-METHYLHEPTANE	5.1	5.1	100%	0%	0.0	NA
	N-OCTANE	5.2	5.0	96%	4%	0.2	NA
			Averages:	101%	14%	0.8	

		TCEQ Air Lab	Nederland Result		Absolute Difference	Absolute Difference	AutoGC LCS
Neo	derland (6/1/10)	Average Results	on 6/1/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
	<b>x y</b>	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	5.1	94%	6%	0.3	94.3%
	ACETYLENE	6.1	4.5	74%	26%	1.6	74.0%
	BENZENE	7.1	5.6	79%	21%	1.5	91.2%
Can 12293	N-HEPTANE	4.8	5.4	113%	13%	0.6	NA
Call 12295	METHYLCYCLOHEXANE	4.8	5.6	117%	17%	0.8	NA
	2-METHYLHEPTANE	4.6	5.8	126%	26%	1.2	NA
	3-METHYLHEPTANE	5.1	4.9	96%	4%	0.2	NA
	N-OCTANE	5.2	4.9	94%	6%	0.3	NA
			Averages:	99%	15%	0.8	

		TCEQ Air Lab	Lamar Result on		Absolute Difference	Absolute Difference	AutoGC LCS
	Lamar	Average Results	5/27/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	4.8	89%	11%	0.6	85.0%
	ACETYLENE	6.1	4.1	67%	33%	2.0	58.6%
	BENZENE	7.1	5.4	76%	24%	1.7	85.8%
Can 12293	N-HEPTANE	4.8	5.2	108%	8%	0.4	NA
Call 12295	METHYLCYCLOHEXANE	4.8	5.5	115%	15%	0.7	NA
	2-METHYLHEPTANE	4.6	5.6	122%	22%	1.0	NA
	3-METHYLHEPTANE	5.1	4.9	96%	4%	0.2	NA
	N-OCTANE	5.2	4.6	88%	12%	0.6	NA
			Averages:	95%	16%	0.9	

			Corpus Christi				
Corr	ous Christi Palm	TCEQ Air Lab	Palm Result on		Absolute Difference	Absolute Difference	AutoGC LCS
Cor	Jus Gillisti Falli	Average Results	6/17/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	5.4	100%	0%	0.0	95.0%
	ACETYLENE	6.1	4.9	80%	20%	1.2	77.9%
	BENZENE	7.1	6.0	85%	15%	1.1	93.0%
Can 12293	N-HEPTANE	4.8	5.4	113%	13%	0.6	NA
Call 12295	METHYLCYCLOHEXANE	4.8	5.7	119%	19%	0.9	NA
	2-METHYLHEPTANE	4.6	5.7	124%	24%	1.1	NA
	3-METHYLHEPTANE	5.1	4.9	96%	4%	0.2	NA
	N-OCTANE	5.2	4.8	92%	8%	0.4	NA
•	-	•	Averages:	101%	13%	0.7	

			Corpus Christi Oak				
Corpu	s Christi Oak Park	TCEQ Air Lab	Park Result on		Absolute Difference	Absolute Difference	AutoGC LCS
Corpu	S CHIISH OAK PAIK	Average Results	6/16/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	5.0	93%	7%	0.4	89.8%
	ACETYLENE	6.1	3.8	62%	38%	2.3	58.5%
	BENZENE	7.1	5.6	79%	21%	1.5	88.8%
Can 12293	N-HEPTANE	4.8	5.2	108%	8%	0.4	NA
Call 12295	METHYLCYCLOHEXANE	4.8	5.6	117%	17%	0.8	NA
	2-METHYLHEPTANE	4.6	5.5	120%	20%	0.9	NA
	3-METHYLHEPTANE	5.1	5.0	98%	2%	0.1	NA
	N-OCTANE	5.2	4.6	88%	12%	0.6	NA
			Averages:	96%	16%	0.9	

			Corpus Solar				
Corn	ue Solar Estatos	TCEQ Air Lab	Estates Result on		Absolute Difference	Absolute Difference	AutoGC LCS
Corp	ous Solar Estates	Average Results	6/16/10	Recovery	from TCEQ Air Lab	from TCEQ Air Lab	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	5.4	4.6	85%	15%	0.8	89.6%
	ACETYLENE	6.1	3.5	57%	43%	2.6	58.3%
	BENZENE	7.1	5.1	72%	28%	2.0	91.9%
Can 12293	N-HEPTANE	4.8	4.7	98%	2%	0.1	NA
Call 12295	METHYLCYCLOHEXANE	4.8	4.9	102%	2%	0.1	NA
	2-METHYLHEPTANE	4.6	4.8	104%	4%	0.2	NA
	3-METHYLHEPTANE	5.1	4.2	82%	18%	0.9	NA
	N-OCTANE	5.2	4.0	77%	23%	1.2	NA
			Averages:	85%	17%	1.0	

					Absolute Difference	Absolute Difference		AutoGC LCS
Propan	e (Canister QC-2)	Vendor Values	Result	Recovery	from Vendor Values	from Vendor Values	Analysis Date	Recovery
•	· · · · ·	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(mm/dd/yy)	(%)
	R4-Hinton	3.6	6.1	169%	69%	2.5	5/11/2010	116.1%
	R4-Meacham	3.6	5.2	144%	44%	1.6	5/13/2010	89.9%
	R4-DISH (Run #1)	3.6	5.2	144%	44%	1.6	5/18/2010	91.4%
PROPANE	R4-DISH 2 (Run #2)	3.6	5.2	144%	44%	1.6	5/25/2010	91.3%
(Can QC-2)	R4-Eagle Mountain (Run #1)	3.6	5.5	153%	53%	1.9	5/20/2010	100.1%
(Can QC-2)		3.6	5.6			2.0	5/25/2010	100.1%
	R4-Eagle Mountain (Run #2)			156%	56%			
	R6-Chamizal	3.6	4.8	133%	33%	1.2	6/10/2010	87.3%
	R7-Odessa	3.6	4.6	128%	28%	1.0	6/18/2010	85.3%
		Averages:	5.3	147%	47%	1.7	<u> </u>	
			1		Absolute Difference	Absolute Difference	1	AutoGC LCS
Bonzon	(Canistar OC 2)	Vendor Values	Result	Recovery	from Vendor Values	from Vendor Values	Analysis Date	Recovery
Denzen	ne (Canister QC-2)							
	D ( ) !! .	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(mm/dd/yy)	(%)
	R4-Hinton	5.8	6.7	116%	16%	0.9	5/11/2010	102.6%
	R4-Meacham	5.8	5.5	95%	5%	0.3	5/13/2010	88.1%
	R4-DISH (Run #1)	5.8	5.9	102%	2%	0.1	5/18/2010	90.6%
BENZENE	R4-DISH 2 (Run #2)	5.8	5.8	100%	0%	0.0	5/25/2010	91.7%
(Can QC-2)	R4-Eagle Mountain (Run #1)	5.8	5.1	88%	12%	0.7	5/20/2010	79.2%
,	R4-Eagle Mountain (Run #2)	5.8	4.8	83%	17%	1.0	5/25/2010	80.5%
	R6-Chamizal	5.8	4.0 5.6	97%	3%	0.2	6/10/2010	89.7%
	R7-Odessa			93%				
	R7-Odessa	5.8	5.4		7%	0.4	6/18/2010	85.2%
		Averages:	5.6	97%	8%	0.5	l	
					Absolute Difference	Absolute Difference		AutoGC LC
Propan	e (Canister 12293)	Vendor Values	Result	Recovery	from Vendor Values	from Vendor Values	Analysis Date	Recovery
Topan		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(mm/dd/yy)	(%)
	R12-Deer Park			150%	50%	<u>(ppbv)</u> 1.8	5/25/2010	95.3%
		3.6	5.4					
	R12-Milby Park (Run #1)	3.6	4.6	128%	28%	1.0	5/25/2010	81.8%
	R12-Milby Park (Run #2)	3.6	5.0	139%	39%	1.4	6/2/2010	92.2%
	R12-Cesar Chavez	3.6	4.8	133%	33%	1.2	5/25/2010	88.0%
	R10-Nederland (Run #1)	3.6	5.2	144%	44%	1.6	5/27/2010	93.2%
PROPANE	R10-Nederland (Run #2)	3.6	5.1	142%	42%	1.5	6/1/2010	94.3%
(Can 12293)	R10-Lamar	3.6	4.8	133%	33%	1.2	5/27/2010	85.0%
````	R12-Clinton	3.6	4.9	136%	36%	1.3	5/28/2010	88.6%
	R12-Channelview	3.6	5.6	156%	56%	2.0	5/28/2010	100.5%
	R14-Corpus Christi Palm	3.6	5.4	150%	50%	1.8	6/17/2010	95.0%
	R14-Oak Park	3.6	5.0	139%		1.4		95.0 <i>%</i> 89.8%
		3.6 3.6			39%		6/16/2010	
	R14-Solar Estates	3.6	4.6	128%	28%	1.0	6/16/2010	89.6%
			<b>F A</b>					
		Averages:	5.0	140%	40%	1.4		
			5.0	140%				AutoGCLCS
Bonzon	e (Canister 12203)	Averages:			Absolute Difference	Absolute Difference	Analysis Data	
Benzen	e (Canister 12293)	Averages: Vendor Values	Result	Recovery	Absolute Difference from Vendor Values	Absolute Difference from Vendor Values		Recovery
Benzen		Averages: Vendor Values (ppbv)	Result (ppbv)	Recovery (%)	Absolute Difference from Vendor Values (%)	Absolute Difference from Vendor Values (ppbv)	(mm/dd/yy)	Recovery (%)
Benzen	R12-Deer Park	Averages: Vendor Values (ppbv) 5.8	Result (ppbv) 5.8	Recovery (%) 100%	Absolute Difference from Vendor Values (%) 0%	Absolute Difference from Vendor Values (ppbv) 0.0	(mm/dd/yy) 5/25/2010	Recovery (%) 88.3%
Benzen	R12-Deer Park R12-Milby Park (Run #1)	Averages: Vendor Values (ppbv) 5.8 5.8 5.8	Result (ppbv) 5.8 5.4	Recovery (%) 100% 93%	Absolute Difference from Vendor Values (%) 0% 7%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4	(mm/dd/yy) 5/25/2010 5/25/2010	Recovery (%) 88.3% 81.2%
Benzen	R12-Deer Park R12-Milby Park (Run #1) R12-Milby Park (Run #2)	Averages: Vendor Values (ppbv) 5.8 5.8 5.8 5.8	Result (ppbv) 5.8 5.4 5.8	Recovery (%) 100% 93% 100%	Absolute Difference from Vendor Values (%) 0% 7% 0%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4 0.0	(mm/dd/yy) 5/25/2010 5/25/2010 6/2/2010	Recovery (%) 88.3% 81.2% 89.6%
Benzen	R12-Deer Park R12-Milby Park (Run #1)	Averages: Vendor Values (ppbv) 5.8 5.8 5.8	Result (ppbv) 5.8 5.4	Recovery (%) 100% 93%	Absolute Difference from Vendor Values (%) 0% 7%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4	(mm/dd/yy) 5/25/2010 5/25/2010	Recovery (%) 88.3% 81.2%
Benzen	R12-Deer Park R12-Milby Park (Run #1) R12-Milby Park (Run #2)	Averages: Vendor Values (ppbv) 5.8 5.8 5.8 5.8	Result (ppbv) 5.8 5.4 5.8	Recovery (%) 100% 93% 100%	Absolute Difference from Vendor Values (%) 0% 7% 0%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4 0.0	(mm/dd/yy) 5/25/2010 5/25/2010 6/2/2010	Recovery (%) 88.3% 81.2% 89.6%
Benzen	R12-Deer Park R12-Milby Park (Run #1) R12-Milby Park (Run #2) R12-Cesar Chavez R10-Nederland (Run #1)	Averages: Vendor Values (ppbv) 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	Result (ppbv) 5.8 5.4 5.8 5.5 5.5 5.8	Recovery (%) 100% 93% 100% 95% 100%	Absolute Difference from Vendor Values (%) 0% 7% 0% 5% 0%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4 0.0 0.3 0.0	(mm/dd/yy) 5/25/2010 5/25/2010 6/2/2010 5/25/2010 5/27/2010	Recovery (%) 88.3% 81.2% 89.6% 86.5% 91.7%
BENZENE	R12-Deer Park R12-Milby Park (Run #1) R12-Milby Park (Run #2) R12-Cesar Chavez R10-Nederland (Run #1) R10-Nederland (Run #2)	Averages: Vendor Values (ppbv) 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	Result (ppbv) 5.8 5.4 5.8 5.5 5.8 5.8 5.6	Recovery (%) 100% 93% 100% 95% 100% 97%	Absolute Difference from Vendor Values (%) 0% 7% 0% 5% 0% 3%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4 0.0 0.3 0.0 0.2	(mm/dd/yy) 5/25/2010 5/25/2010 6/2/2010 5/25/2010 5/27/2010 6/1/2010	Recovery (%) 88.3% 81.2% 89.6% 86.5% 91.7% 91.2%
BENZENE	R12-Deer Park R12-Milby Park (Run #1) R12-Milby Park (Run #2) R12-Cesar Chavez R10-Nederland (Run #1) R10-Nederland (Run #2) R10-Lamar	Averages: Vendor Values (ppbv) 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	Result (ppbv) 5.8 5.4 5.8 5.5 5.8 5.6 5.6 5.4	Recovery (%) 100% 93% 100% 95% 100% 97% 93%	Absolute Difference from Vendor Values (%) 0% 7% 0% 5% 0% 5% 0% 3% 7%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4 0.0 0.3 0.0 0.2 0.4	(mm/dd/yy) 5/25/2010 5/25/2010 6/2/2010 5/25/2010 5/27/2010 6/1/2010 5/27/2010	Recovery (%) 88.3% 81.2% 89.6% 86.5% 91.7% 91.2% 85.8%
BENZENE	R12-Deer Park R12-Milby Park (Run #1) R12-Milby Park (Run #2) R12-Cesar Chavez R10-Nederland (Run #1) R10-Nederland (Run #2) R10-Lamar R12-Clinton	Averages: Vendor Values (ppbv) 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	Result (ppbv) 5.8 5.4 5.8 5.5 5.8 5.5 5.8 5.6 5.4 5.9	Recovery (%) 100% 93% 100% 95% 100% 97% 93% 102%	Absolute Difference from Vendor Values (%) 0% 7% 0% 5% 0% 3% 7% 2%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4 0.0 0.3 0.0 0.2 0.4 0.4 0.1	(mm/dd/yy) 5/25/2010 5/25/2010 6/2/2010 5/25/2010 5/27/2010 6/1/2010 5/27/2010 5/27/2010 5/28/2010	Recovery (%) 88.3% 81.2% 89.6% 86.5% 91.7% 91.2% 85.8% 92.0%
BENZENE	R12-Deer Park R12-Milby Park (Run #1) R12-Milby Park (Run #2) R12-Cesar Chavez R10-Nederland (Run #1) R10-Nederland (Run #2) R10-Lamar R12-Clinton R12-Channelview	Averages: Vendor Values (ppbv) 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	Result (ppbv) 5.8 5.4 5.8 5.5 5.8 5.6 5.4 5.9 6.4	Recovery (%) 100% 93% 100% 95% 100% 97% 93% 102% 110%	Absolute Difference from Vendor Values (%) 0% 7% 0% 5% 0% 3% 7% 2% 10%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4 0.0 0.3 0.0 0.2 0.4 0.1 0.6	(mm/dd/yy) 5/25/2010 5/25/2010 6/2/2010 5/25/2010 5/27/2010 6/1/2010 5/27/2010 5/27/2010 5/28/2010 5/28/2010	Recovery (%) 88.3% 81.2% 89.6% 86.5% 91.7% 91.2% 85.8% 92.0% 95.6%
	R12-Deer Park R12-Milby Park (Run #1) R12-Milby Park (Run #2) R12-Cesar Chavez R10-Nederland (Run #1) R10-Nederland (Run #2) R10-Lamar R12-Clinton R12-Channelview R14-Corpus Christi Palm	Averages: Vendor Values (ppbv) 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	Result (ppbv) 5.8 5.4 5.8 5.5 5.8 5.6 5.4 5.9 6.4 6.0	Recovery (%) 100% 93% 100% 95% 100% 97% 93% 102% 110% 103%	Absolute Difference from Vendor Values (%) 0% 7% 0% 5% 0% 3% 7% 2% 10% 3%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4 0.0 0.3 0.0 0.2 0.4 0.1 0.6 0.2	(mm/dd/yy) 5/25/2010 5/25/2010 5/25/2010 5/25/2010 5/27/2010 5/27/2010 5/27/2010 5/28/2010 5/28/2010 6/17/2010	Recovery (%) 88.3% 81.2% 89.6% 86.5% 91.7% 91.2% 85.8% 92.0% 95.6% 93.0%
BENZENE	R12-Deer Park R12-Milby Park (Run #1) R12-Milby Park (Run #2) R12-Cesar Chavez R10-Nederland (Run #1) R10-Nederland (Run #2) R10-Lamar R12-Clinton R12-Channelview R14-Corpus Christi Palm R14-Oak Park	Averages: Vendor Values (ppbv) 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	Result (ppbv) 5.8 5.4 5.8 5.5 5.8 5.6 5.4 5.9 6.4 6.0 5.6	Recovery (%) 100% 93% 100% 95% 100% 97% 93% 102% 110% 103% 97%	Absolute Difference from Vendor Values (%) 0% 7% 0% 5% 0% 3% 3% 2% 10% 3% 3%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4 0.0 0.3 0.0 0.2 0.4 0.1 0.6 0.2 0.2 0.2	(mm/dd/yy) 5/25/2010 5/25/2010 6/2/2010 5/25/2010 5/27/2010 6/1/2010 5/27/2010 5/28/2010 5/28/2010 6/17/2010 6/16/2010	Recovery (%) 88.3% 81.2% 89.6% 86.5% 91.7% 91.2% 85.8% 92.0% 95.6% 93.0% 88.8%
BENZENE	R12-Deer Park R12-Milby Park (Run #1) R12-Milby Park (Run #2) R12-Cesar Chavez R10-Nederland (Run #1) R10-Nederland (Run #2) R10-Lamar R12-Clinton R12-Channelview R14-Corpus Christi Palm	Averages: Vendor Values (ppbv) 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	Result (ppbv) 5.8 5.4 5.8 5.5 5.8 5.6 5.4 5.9 6.4 6.0	Recovery (%) 100% 93% 100% 95% 100% 97% 93% 102% 110% 103%	Absolute Difference from Vendor Values (%) 0% 7% 0% 5% 0% 3% 7% 2% 10% 3%	Absolute Difference from Vendor Values (ppbv) 0.0 0.4 0.0 0.3 0.0 0.2 0.4 0.1 0.6 0.2	(mm/dd/yy) 5/25/2010 5/25/2010 5/25/2010 5/25/2010 5/27/2010 5/27/2010 5/27/2010 5/28/2010 5/28/2010 6/17/2010	(%) 88.3% 81.2% 89.6% 86.5% 91.7% 91.2% 85.8% 92.0% 95.6% 93.0%

L	DISH (5/18/10)		DISH Result on		Absolute Difference	Absolute Difference	AutoGC LCS
		Vendor Values	5/18/10	Recovery	from Vendor Values	from Vendor Values	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	5.2	144%	44%	1.6	91.4%
	ACETYLENE	5.4	4.9	91%	9%	0.5	68.6%
	BENZENE	5.8	5.9	102%	2%	0.1	90.6%
Can QC-2	N-HEPTANE	5.4	5.5	102%	2%	0.1	NA
	METHYLCYCLOHEXANE	5.5	5.6	102%	2%	0.1	NA
	2-METHYLHEPTANE	5.1	5.7	112%	12%	0.6	NA
	3-METHYLHEPTANE	4.1	4.9	120%	20%	0.8	NA
	N-OCTANE	5.9	4.8	81%	19%	1.1	NA
			Averages:	107%	14%	0.6	
				1	Abaabata Differences	Abaalata Difference	
-		VandarValue	DISH Result on	Descus	Absolute Difference	Absolute Difference	AutoGC LCS
L	DISH (5/25/10)	Vendor Values	5/25/10	Recovery	from Vendor Values	from Vendor Values	Recovery
	BBOBANE	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	5.2	144%	44%	1.6	91.3%
	ACETYLENE	5.4	4.9	91%	9%	0.5	67.9%
	BENZENE	5.8	5.8	100%	0%	0.0	91.7%
Can QC-2	N-HEPTANE	5.4	5.4	100%	0%	0.0	NA
	METHYLCYCLOHEXANE	5.5	5.5	100%	0%	0.0	NA
	2-METHYLHEPTANE	5.1	5.7	112%	12%	0.6	NA
	3-METHYLHEPTANE	4.1	4.9	120%	20%	0.8	NA
	N-OCTANE	5.9	4.7	80%	20%	1.2	NA
			A	4000/			
			Averages:	106%	13%	0.6	J
			Averages: EML Result on	106%	13% Absolute Difference	0.6 Absolute Difference	AutoGC LC
E	EML (5/20/10)	Vendor Values	-	106% Recovery			Recovery
E	EML (5/20/10)	Vendor Values (ppbv)	EML Result on		Absolute Difference	Absolute Difference	
I	PROPANE		EML Result on 5/20/10	Recovery	Absolute Difference from Vendor Values	Absolute Difference from Vendor Values	Recovery
I	PROPANE	(ppbv)	EML Result on 5/20/10 (ppbv)	Recovery (%)	Absolute Difference from Vendor Values (%)	Absolute Difference from Vendor Values (ppbv)	Recovery (%)
ľ	PROPANE	(ppbv) 3.6	EML Result on 5/20/10 (ppbv) 5.5	Recovery (%) 153%	Absolute Difference from Vendor Values (%) 53%	Absolute Difference from Vendor Values (ppbv) 1.9	Recovery (%) 100.3%
	PROPANE ACETYLENE BENZENE N HEDTANE	(ppbv) 3.6 5.4	EML Result on 5/20/10 (ppbv) 5.5 2.9	Recovery (%) 153% 54%	Absolute Difference from Vendor Values (%) 53% 46%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5	Recovery (%) 100.3% 41.5%
	PROPANE ACETYLENE BENZENE N HEDTANE	(ppbv) 3.6 5.4 5.8	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1	Recovery (%) 153% 54% 88%	Absolute Difference from Vendor Values (%) 53% 46% 12%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7	Recovery (%) 100.3% 41.5% 79.2%
	PROPANE ACETYLENE BENZENE N-HEPTANE	(ppbv) 3.6 5.4 5.8 5.4 5.4	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7	Recovery (%) 153% 54% 88% 87%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7	Recovery (%) 100.3% 41.5% 79.2% NA
	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE	(ppbv) 3.6 5.4 5.8 5.4 5.4 5.4 5.5	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2	Recovery (%) 153% 54% 88% 87% 95%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3	Recovery (%) 100.3% 41.5% 79.2% NA NA
	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE	(ppbv) 3.6 5.4 5.8 5.4 5.4 5.5 5.5 5.1	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 5.2	Recovery (%) 153% 54% 88% 87% 95% 102%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1	(%) 100.3% 41.5% 79.2% NA NA NA
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 5.2 4.7	Recovery (%) 153% 54% 88% 87% 95% 102% 115%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 15%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA
	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages:	Recovery (%) 153% 54% 88% 87% 95% 102% 115% 75%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 2% 15% 25% 21%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 <b>1.0</b>	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1 5.9	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages: EML Result on	Recovery (%) 153% 54% 88% 87% 95% 102% 115% 75% <b>96%</b>	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 2% 15% 25% 21% Absolute Difference	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 1.0 Absolute Difference	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA NA AutoGC LCS
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1 5.9 Vendor Values	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages: EML Result on 5/25/10	Recovery (%) 153% 54% 88% 87% 95% 102% 115% 75% <b>96%</b> Recovery	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 2% 15% 25% 21% Absolute Difference from Vendor Values	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 <b>1.0</b> Absolute Difference from Vendor Values	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA NA AutoGC LC Recovery
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10)	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1 5.9 Vendor Values (ppbv)	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages: EML Result on 5/25/10 (ppbv)	Recovery (%) 153% 54% 88% 87% 95% 102% 115% 75% <b>96%</b> Recovery (%)	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 2% 15% 25% 21% Absolute Difference from Vendor Values (%)	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 <b>1.0</b> Absolute Difference from Vendor Values (ppbv)	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA NA AutoGC LCS Recovery (%)
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10)	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1 5.9 Vendor Values (ppbv) 3.6	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages: EML Result on 5/25/10 (ppbv) 5.6	Recovery (%) 153% 54% 88% 87% 95% 102% 115% 75% 96% Recovery (%) 156%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 2% 15% 25% 21% Absolute Difference from Vendor Values (%) 56%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 <b>1.0</b> Absolute Difference from Vendor Values (ppbv) 2.0	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA NA AutoGC LC Recovery (%) 101.2%
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1 5.9 Vendor Values (ppbv) 3.6 5.4	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages: EML Result on 5/25/10 (ppbv) 5.6 3.0	Recovery (%) 153% 54% 88% 87% 95% 102% 115% 75% 96% Recovery (%) 156% 56%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 2% 15% 25% 21% Absolute Difference from Vendor Values (%) 56% 44%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 1.0 Absolute Difference from Vendor Values (ppbv) 2.0 2.4	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA NA AutoGC LCS Recovery (%) 101.2% 41.0%
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE BENZENE	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1 5.9 Vendor Values (ppbv) 3.6 5.4 5.4 5.9	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages: EML Result on 5/25/10 (ppbv) 5.6 3.0 4.8	Recovery (%) 153% 54% 88% 87% 95% 102% 115% 75% <b>96%</b> Recovery (%) 156% 56% 83%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 1.0 Absolute Difference from Vendor Values (ppbv) 2.0 2.4 1.0	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA NA NA NA NA 0 NA 0 101.2% 41.0% 80.5%
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE BENZENE N-HEPTANE	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1 5.9 Vendor Values (ppbv) 3.6 5.4 5.4 5.9	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages: EML Result on 5/25/10 (ppbv) 5.6 3.0 4.8 4.7	Recovery (%) 153% 54% 88% 87% 95% 102% 102% 115% 75% <b>96%</b> Recovery (%) 156% 56% 83% 87%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 2% 2% 15% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 1.0 Absolute Difference from Vendor Values (ppbv) 2.0 2.4 1.0 0.7	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA NA NA NA NA NA NA AutoGC LCS Recovery (%) 101.2% 41.0% 80.5% NA
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1 5.9 Vendor Values (ppbv) 3.6 5.4 5.4 5.9	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages: EML Result on 5/25/10 (ppbv) 5.6 3.0 4.8 4.7 5.2	Recovery (%) 153% 54% 88% 87% 95% 102% 102% 115% 75% <b>96%</b> Recovery (%) 156% 56% 83% 87% 95%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 15% 25% 21% Absolute Difference from Vendor Values (%) 56% 44% 17% 13% 5%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 1.0 Absolute Difference from Vendor Values (ppbv) 2.0 2.4 1.0 0.7 0.3	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA NA AutoGC LCC Recovery (%) 101.2% 41.0% 80.5% NA NA
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1 5.9 Vendor Values (ppbv) 3.6 5.4 5.4 5.9	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages: EML Result on 5/25/10 (ppbv) 5.6 3.0 4.8 4.7 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	Recovery (%) 153% 54% 88% 87% 95% 102% 115% 75% 96% Recovery (%) 156% 56% 83% 87% 95% 102%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 25% 21% Absolute Difference from Vendor Values (%) 56% 44% 17% 13% 5% 2%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 <b>1.0</b> Absolute Difference from Vendor Values (ppbv) 2.0 2.4 1.0 0.7 0.3 0.1	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA AutoGC LCC Recovery (%) 101.2% 41.0% 80.5% NA NA
Can QC-2	PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE EML (5/25/10) PROPANE ACETYLENE BENZENE N-HEPTANE METHYLCYCLOHEXANE	(ppbv) 3.6 5.4 5.8 5.4 5.5 5.1 4.1 5.9 Vendor Values (ppbv) 3.6 5.4 5.4 5.9	EML Result on 5/20/10 (ppbv) 5.5 2.9 5.1 4.7 5.2 5.2 4.7 4.4 Averages: EML Result on 5/25/10 (ppbv) 5.6 3.0 4.8 4.7 5.2	Recovery (%) 153% 54% 88% 87% 95% 102% 102% 115% 75% <b>96%</b> Recovery (%) 156% 56% 83% 87% 95%	Absolute Difference from Vendor Values (%) 53% 46% 12% 13% 5% 2% 15% 25% 21% Absolute Difference from Vendor Values (%) 56% 44% 17% 13% 5%	Absolute Difference from Vendor Values (ppbv) 1.9 2.5 0.7 0.7 0.3 0.1 0.6 1.5 1.0 Absolute Difference from Vendor Values (ppbv) 2.0 2.4 1.0 0.7 0.3	Recovery (%) 100.3% 41.5% 79.2% NA NA NA NA NA AutoGC LCC Recovery (%) 101.2% 41.0% 80.5% NA NA

	Hinton		Hinton Result on		Absolute Difference	Absolute Difference	AutoGC LCS
		Vendor Values	5/11/10	Recovery	from Vendor Values	from Vendor Values	Recovery
	1	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	6.1	169%	69%	2.5	116.1%
	ACETYLENE	5.4	4.7	87%	13%	0.7	52.2%
	BENZENE	5.8	6.7	116%	16%	0.9	102.6%
Can QC-2	N-HEPTANE	5.4	6.3	117%	17%	0.9	NA
	METHYLCYCLOHEXANE	5.5	6.6	120%	20%	1.1	NA
	2-METHYLHEPTANE	5.1	6.7	131%	31%	1.6	NA
	3-METHYLHEPTANE	4.1	5.9	144%	44%	1.8	NA
	N-OCTANE	5.9	5.5	93%	7%	0.4	NA
			Averages:	122%	27%	1.2	
			Meacham Result		Absolute Difference	Absolute Difference	AutoGC LCS
	Meacham	Vendor Values	on 5/13/10	Recovery	from Vendor Values	from Vendor Values	Recovery
	Meachann	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	5.2	144%	44%	1.6	89.9%
	ACETYLENE	5.4	3.8	70%	30%	1.6	55.9%
	BENZENE	5.8	5.5	95%	5%	0.3	88.1%
	N-HEPTANE	5.4	5.3	98%	2%	0.1	NA
Can QC-2	METHYLCYCLOHEXANE	5.5	5.5	100%	0%	0.0	NA
	2-METHYLHEPTANE	5.1	5.4	106%	6%	0.0	NA
	3-METHYLHEPTANE	4.1	4.8	117%	17%	0.3	NA
	N-OCTANE	5.9	4.6	78%	22%	1.3	NA
	IN-OUTAINE	5.5	Averages:	101%	16%	0.7	
				1			
	Chaminal	.,, .	Chamizal Result		Absolute Difference	Absolute Difference	AutoGC LCS
	Chamizal	Vendor Values	on 6/10/10	Recovery	from Vendor Values	from Vendor Values	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	4.8	133%	33%	1.2	87.3%
	ACETYLENE	5.4	4.1	76%	24%	1.3	61.0%
	BENZENE	5.8	5.6	97%	3%	0.2	89.7%
Can QC-2	N-HEPTANE	5.4	5.4	100%	0%	0.0	NA
	METHYLCYCLOHEXANE	5.5	5.5	100%	0%	0.0	NA
	2-METHYLHEPTANE	5.1	5.7	112%	12%	0.6	NA
	3-METHYLHEPTANE	4.1	5.0	122%	22%	0.9	NA
	N-OCTANE	5.9	4.8	81%	19%	1.1	NA
			Averages:	103%	14%	0.7	
			Odessa Result on		Absolute Difference	Absolute Difference	AutoGC LCS
	Odessa	Vendor Values	6/18/10	Recovery	from Vendor Values	from Vendor Values	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	4.6	128%	28%	1.0	85.3%
	ACETYLENE	5.4	4.2	78%	22%	1.2	65.2%
	BENZENE	5.8	5.4	93%	7%	0.4	85.2%
0 00-0	N-HEPTANE	5.4	5.1	94%	6%	0.3	NA
Can QC-2	METHYLCYCLOHEXANE	5.5	5.2	95%	5%	0.3	NA
	2-METHYLHEPTANE	5.1	5.4	106%	6%	0.3	NA
							NA
	3-METHYLHEPTANE	4 1	4 /	11.5%	15%	() h	INA
	3-METHYLHEPTANE N-OCTANE	4.1 5.9	4.7 4.6	115% 78%	15% 22%	0.6	NA

Can 12293	METHYLCYCLOHEXANE 2-METHYLHEPTANE 3-METHYLHEPTANE N-OCTANE	5.5 5.1 4.1 5.9	6.2 6.3 5.4 5.3	113% 124% 132% 90%	13% 24% 32% 10%	0.7 1.2 1.3 0.6	NA NA NA
Can 12293	2-METHYLHEPTANE	5.1	6.3	124%	24%	1.2	NA
Can 12293							
Can 12293				11/20/	1 '00/		
	N-HEPTANE	5.4	5.9	109%	9%	0.5	NA
	BENZENE	5.8	6.4	110%	10%	0.6	95.6%
	ACETYLENE	5.4	5.1	94%	6%	0.3	81.2%
		3.6	5.6	156%	56%	2.0	100.5%
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
(	Channelview	Vendor Values	Result on 5/28/10	Recovery	from Vendor Values	from Vendor Values	Recovery
			Channelview		Absolute Difference	Absolute Difference	AutoGC LC
							4
	· · · · · · · · · · · · · · · · · · ·	0.0	Averages:	104%	12%	0.6	
	N-OCTANE	5.9	5.1	86%	14%	0.8	NA
	3-METHYLHEPTANE	4.1	4.9	120%	20%	0.8	NA
	2-METHYLHEPTANE	5.1	5.6	110%	10%	0.5	NA
Gan 12293	METHYLCYCLOHEXANE	5.5	5.5	100%	0%	0.0	NA
Can 12293	N-HEPTANE	5.4	5.4	100%	0%	0.0	NA
	BENZENE	5.8	5.9	102%	2%	0.1	92.0%
	ACETYLENE	5.4	4.4	81%	19%	1.0	58.4%
	PROPANE	3.6	4.9	136%	36%	1.3	88.6%
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	Clinton	Vendor Values	5/28/10	Recovery	from Vendor Values	from Vendor Values	Recovery
			Clinton Result on		Absolute Difference	Absolute Difference	AutoGC LC
			Averages:	98%	14%	0.7	J
	N-OCTANE	5.9	4.5	76%	24%	1.4	NA
	3-METHYLHEPTANE	4.1	4.6	112%	12%	0.5	NA
	2-METHYLHEPTANE	5.1	5.3	104%	4%	0.2	NA
	METHYLCYCLOHEXANE	5.5	5.3	96%	4%	0.2	NA
Can 12293	N-HEPTANE	5.4	4.9	91%	9%	0.5	NA
	BENZENE	5.8	5.5	95%	5%	0.3	86.5%
	ACETYLENE	5.4	4.1	76%	24%	1.3	62.7%
	PROPANE	3.6	4.8	133%	33%	1.2	88.0%
	<b>-</b>	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
C	Cesar Chavez	Vendor Values	Result on 5/25/10	Recovery	from Vendor Values	from Vendor Values	Recovery
			Cesar Chavez		Absolute Difference	Absolute Difference	AutoGC LC
							1
	· · · · · · · · · · · · · · · · · · ·	0.0	Averages:	100%	13%	0.6	
	N-OCTANE	5.9	4.0	75%	25%	1.5	NA
	3-METHYLHEPTANE	4.1	4.6	112%	12%	0.5	NA
	2-METHYLHEPTANE	5.1	5.3	104%	4%	0.2	NA
Can 12293	METHYLCYCLOHEXANE	5.5	5.4	98%	2%	0.1	NA
Con 40000	N-HEPTANE	5.4	5.0	93%	7%	0.4	NA
	BENZENE	5.8	5.8	100%	0%	0.0	89.6%
	ACETYLENE	5.4	4.5	83%	17%	0.9	70.9%
	PROPANE	3.6	5.0	139%	39%	1.4	92.2%
	2 1 2	(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
Mill	by Park (6/2/10)	Vendor Values	on 6/2/10	Recovery	from Vendor Values	from Vendor Values	Recovery
			Milby Park Result		Absolute Difference	Absolute Difference	AutoGC LC
							-
			Averages:	94%	15%	0.7	
	N-OCTANE	5.9	4.1	69%	31%	1.8	NA
	3-METHYLHEPTANE	4.1	4.3	105%	5%	0.2	NA
	2-METHYLHEPTANE	5.1	4.9	96%	4%	0.2	NA
Jun 12233	METHYLCYCLOHEXANE	5.5	5.1	93%	7%	0.4	NA
Can 12293	N-HEPTANE	5.4	4.7	87%	13%	0.7	NA
	BENZENE	5.8	5.4	93%	7%	0.4	81.2%
	ACETYLENE	5.4	4.2	78%	22%	1.2	47.0%
	PROPANE	3.6	4.6	128%	28%	1.0	81.8%
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
Milb	y Park (5/25/10)	Vendor Values	on 5/25/10	Recovery	from Vendor Values	from Vendor Values	Recovery
			Milby Park Result		Absolute Difference	Absolute Difference	AutoGC LC
			Averages:	109%	1070	0.0	J
	N-OCTANE	5.9		85% 109%	15%	0.9	NA
	3-METHYLHEPTANE N-OCTANE	4.1 5.9	5.3 5.0	129% 85%	29% 15%	1.2 0.9	NA NA
	2-METHYLHEPTANE	5.1	6.0	118%	18%	0.9	NA
		5.5	5.8	105%	5%	0.3	NA
Can 12293	N-HEPTANE	5.4	5.6	104%	4%	0.2	NA
	BENZENE	5.8	5.8	100%	0%	0.0	88.3%
	ACETYLENE	5.4	4.2	78%	22%	1.2	56.6%
	PROPANE	3.6	5.4	150%	50%	1.8	95.3%
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
		Vendor Values	on 5/25/10	Recovery	from Vendor Values	from Vendor Values	Recovery
			Deer Park Result	_	• • • • • • •	Absolute Difference	AutoGC LC
	Deer Park						

Averages:

Nederland (5/27/10)		Vendor Values (ppbv)	Nederland Result on 5/27/10 (ppbv)	Recovery (%)	Absolute Difference from Vendor Values (%)	Absolute Difference from Vendor Values (ppbv)	AutoGC LCS Recovery (%)
	PROPANE	3.6	5.2	144%	44%	1.6	93.2%
	ACETYLENE	5.4	4.5	83%	17%	0.9	73.1%
	BENZENE	5.8	5.8	100%	0%	0.0	91.7%
Can 12293	N-HEPTANE	5.4	5.5	102%	2%	0.1	NA
Call 12295	METHYLCYCLOHEXANE	5.5	5.6	102%	2%	0.1	NA
	2-METHYLHEPTANE	5.1	5.9	116%	16%	0.8	NA
	3-METHYLHEPTANE	4.1	5.1	124%	24%	1.0	NA
	N-OCTANE	5.9	5.0	85%	15%	0.9	NA
			Averages:	107%	15%	0.7	

			Nederland Result		Absolute Difference	Absolute Difference	AutoGC LCS
Neo	derland (6/1/10)	Vendor Values	on 6/1/10	Recovery	from Vendor Values	from Vendor Values	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	5.1	142%	42%	1.5	94.3%
	ACETYLENE	5.4	4.5	83%	17%	0.9	74.0%
	BENZENE	5.8	5.6	97%	3%	0.2	91.2%
Can 12293	N-HEPTANE	5.4	5.4	100%	0%	0.0	NA
Call 12295	METHYLCYCLOHEXANE	5.5	5.6	102%	2%	0.1	NA
	2-METHYLHEPTANE	5.1	5.8	114%	14%	0.7	NA
	3-METHYLHEPTANE	4.1	4.9	120%	20%	0.8	NA
	N-OCTANE	5.9	4.9	83%	17%	1.0	NA
			Averages:	105%	14%	0.7	

			Lamar Result on		Absolute Difference	Absolute Difference	AutoGC LCS
	Lamar Vendor		5/27/10	Recovery	from Vendor Values	from Vendor Values	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	4.8	133%	33%	1.2	85.0%
	ACETYLENE	5.4	4.1	76%	24%	1.3	58.6%
	BENZENE	5.8	5.4	93%	7%	0.4	85.8%
Can 12293	N-HEPTANE	5.4	5.2	96%	4%	0.2	NA
Call 12295	METHYLCYCLOHEXANE	5.5	5.5	100%	0%	0.0	NA
	2-METHYLHEPTANE	5.1	5.6	110%	10%	0.5	NA
	3-METHYLHEPTANE	4.1	4.9	120%	20%	0.8	NA
	N-OCTANE	5.9	4.6	78%	22%	1.3	NA
		·	Averages:	101%	15%	0.7	

			Corpus Christi				
Corr	ous Christi Palm		Palm Result on		Absolute Difference	Absolute Difference	AutoGC LCS
Coll	Jus Christi Paliti	Vendor Values	6/17/10	Recovery	from Vendor Values	from Vendor Values	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	5.4	150%	50%	1.8	95.0%
	ACETYLENE	5.4	4.9	91%	9%	0.5	77.9%
	BENZENE	5.8	6.0	103%	3%	0.2	93.0%
Can 12293	N-HEPTANE	5.4	5.4	100%	0%	0.0	NA
Call 12295	METHYLCYCLOHEXANE	5.5	5.7	104%	4%	0.2	NA
	2-METHYLHEPTANE	5.1	5.7	112%	12%	0.6	NA
	3-METHYLHEPTANE	4.1	4.9	120%	20%	0.8	NA
	N-OCTANE	5.9	4.8	81%	19%	1.1	NA
			Averages:	108%	15%	0.7	

			Corpus Christi Oak Park Result on		Absolute Difference	Absolute Difference	AutoGC LCS
Corpu	s Christi Oak Park	Vendor Values	6/16/10	Recovery	from Vendor Values	from Vendor Values	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	5.0	139%	39%	1.4	89.8%
	ACETYLENE	5.4	3.8	70%	30%	1.6	58.5%
	BENZENE	5.8	5.6	97%	3%	0.2	88.8%
Can 12293	N-HEPTANE	5.4	5.2	96%	4%	0.2	NA
Call 12295	METHYLCYCLOHEXANE	5.5	5.6	102%	2%	0.1	NA
	2-METHYLHEPTANE	5.1	5.5	108%	8%	0.4	NA
	3-METHYLHEPTANE	4.1	5.0	122%	22%	0.9	NA
	N-OCTANE	5.9	4.6	78%	22%	1.3	NA
			Averages:	101%	16%	0.8	

			Corpus Solar Estates Result on		Absolute Difference	Absolute Difference	AutoGC LCS
Corp	Corpus Solar Estates		6/16/10	Recovery	from Vendor Values	from Vendor Values	Recovery
		(ppbv)	(ppbv)	(%)	(%)	(ppbv)	(%)
	PROPANE	3.6	4.6	128%	28%	1.0	89.6%
	ACETYLENE	5.4	3.5	65%	35%	1.9	58.3%
	BENZENE	5.8	5.1	88%	12%	0.7	91.9%
Can 12293	N-HEPTANE	5.4	4.7	87%	13%	0.7	NA
Call 12295	METHYLCYCLOHEXANE	5.5	4.9	89%	11%	0.6	NA
	2-METHYLHEPTANE	5.1	4.8	94%	6%	0.3	NA
	3-METHYLHEPTANE	4.1	4.2	102%	2%	0.1	NA
	N-OCTANE	5.9	4.0	68%	32%	1.9	NA
			Averages:	90%	17%	0.9	