ALPHA-GAMMA TECHNOLOGIES, INC.

MEMORANDUM

DATE: February 4, 2002

SUBJECT: Emissions Data for Reciprocating Internal Combustion Engines

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TO: Sims Roy, EPA OAQPS ESD Combustion Group

This memorandum presents a summary of hazardous air pollutants (HAP) and criteria emissions data gathered for stationary reciprocating internal combustion engines (RICE). The data presented in this memorandum were developed from 94 test reports for RICE, including tests conducted by EPA on three engines. These test reports are listed in Attachment 1. The test reports were gathered in an effort to characterize emissions from RICE from a variety of sources. The majority of these tests were performed for California AB2588 compliance purposes.

Source of Information

Alpha-Gamma developed a Microsoft Access database for the gathered data. The database includes the measured emissions concentrations and other parameters, such as temperature, flow rate, and horsepower, necessary to calculate emission rates and factors. The database also includes physical and operational parameters which may affect HAP and criteria emissions. Each record contains information for up to three test runs for an identified HAP or criteria pollutant. A database approach was chosen to easily access and manipulate the large amount of data collected. The database approach also ensures that all emissions are calculated consistently and reduces errors in the calculated emissions.

The majority of test reports included in the Emissions Database were obtained from California Air Resources Board (CARB) air basins and from the EPA STIRS (Source Test Information Retrieval System) effort. The database also includes emissions tests conducted by the Gas Research Institute (GRI) for natural gas-fired engines. These emissions tests were conducted by GRI in cooperation with GRI member companies. Testing was also conducted at Colorado State University (CSU) by EPA on three engines, and preliminary results of this testing are included in the Emissions Database.

The emissions tests obtained from state and local air regulatory agencies were conducted by source owners and operators in response to air regulatory requirements. No standard protocol was used to conduct the emissions tests included in the RICE Emissions Database. The pollutants, test methods, detection limits, operating conditions, and reasons for testing vary from test to test. The test reports gathered from California air pollution control districts were conducted by source owners and operators to comply with California's AB2588 air toxic regulations. In those cases, test methods developed and approved by the CARB are generally used to quantify emissions. The target HAP for the California tests vary since the target HAP were negotiated with the local air pollution control district.

Representation

The database contains a total of 578 tests. Of these tests, 431 were conducted on RICE that can be classified in one of the subcategories identified by EPA. A summary of the number of emissions tests included in the database, by subcategory, is presented in Table 1. The number of tests on engines with HAP control and small (<500 HP) engines is also given. Only seven test reports include simultaneous measurements of emissions before and after HAP control devices. Engines tested range in size from 25 horsepower (HP) to 7,107 HP. Most of the emissions data are for natural gas-fired engines and diesel engines, which, according to the RICE Population Database, represent over 95 percent of stationary RICE.

Table 1. Number of emissions tests per subcategory

Subcategory	Total Number of Emissions Tests	Number of Tests on Engines with HAP control	Number of Tests on Small Engines (< 500 HP)
2-Stroke Lean Burn (2SLB)	121	17	41
4-Stroke Lean Burn (4SLB)	94	16	0
4-Stroke Rich Burn (4SRB)	141	55	29
Compression Ignition (CI)	57	10	9
Digester Gas and Landfill Gas	18	0	9

For the fuels other than natural gas and diesel, there are a limited number of HAP emissions tests included in the RICE Emissions Database. For digester gas stationary RICE, 17 emissions tests are included in the database, and for landfill gas stationary

RICE, one emissions test is included in the database. One emissions test is included in the database for propane and three emissions tests are included for process gas. No emissions tests are included for LPG engines. For CI stationary RICE, the majority of the emissions tests included in the RICE Emissions Database are for diesel fuel; three tests are included for JP-5, and no emissions tests are included for dual fuel, kerosene/naphtha, or heavier fuels, such as residual/crude oil.

Emissions Data

HAP and criteria pollutant emissions data summaries are presented in Attachments 2 and 3, respectively. Emission concentrations are presented in units of parts per billion (ppb) for gaseous pollutants and micrograms per dry standard cubic meter (µg/dscm) for particulate pollutants. Emission rates are presented in units of pounds per hour (lb/hr) and emission factors are presented in units of pounds per million Btu heat input (lb/MMBtu) and pounds per horsepower-hour power output (lb/HP-hr). From the measured data, the following observations are made:

(1) formaldehyde, benzene, acetaldehyde, and acrolein are the most frequently tested HAP for natural gas fired engines;

(2) formaldehyde, naphthalene, and PAHs are the most frequently tested pollutants for diesel fired engines;

(3) the reported formaldehyde concentrations reflect the widest range of emissions for all fuel types;

(4) for landfill gas, all of the tested pollutants were detected;

(5) for digester gas, 1,1,1-trichloroethane, 1,3-butadiene, 1,4-dioxane, carbon tetrachloride, chloroform, ethylene dibromide, ethylene dichloride, tetrachloroethylene, trichloroethylene, and vinylidene chloride were never detected;

(6) for natural gas, 1,1,2-trichloroethane, 1,1-dichloroethane, 1,2-dichloroethane, 1,2-dichloropropane, 1-3-dichloropropene, carbon tetrachloride, chloroform, ethylene dibromide, and vinyl chloride were not detected; and

(7) naphthalene was not detected for propane fired engines.

Calculations

The emission factors and rates were determined using established EPA calculation

methods. Emissions factors in lb/MMBtu were determined using calculation procedures presented in EPA Method 19, referenced in 40 CFR part 60, appendix A. These factors are based on the measured pollutant concentration, fuel factor, and stack oxygen levels. Emission rates in lb/hr were determined using standard engineering calculations and are based on the measured pollutant concentration, exhaust stack flow rate, and the exhaust temperature. Emission factors in lb/HP-hr were based on the calculated emission rates (lb/hr), engine rating (HP), and load conditions. In cases where the fuel factor was not provided, EPA used the fuel factors provided in 40 CFR part 60.

Emission factors were calculated according to Equations 1 through 5 below. A detailed derivation of Equation 2 is provided in Attachment 4. For gaseous HAP, Equations 1 and 2 were used to calculate emission rates in lb/hr and emission factors in lb/MMBtu, respectively. For particulate HAP, Equations 3 and 4 were used to calculate emission rates in lb/hr and emission factors in lb/MMBtu, respectively. Equation 5 was used to calculate emission factors in lb/HP-hr for both gaseous and particulate HAP. Load conditions are incorporated into Equation 5 to account for engine output power.

Equation 1: Emission Rate in (lb/hr) for gaseous HAP:

$$ER\ \left(\frac{lb}{hr}\right) = \frac{1.369 \times 10^{-3}\ \left(\frac{lb\text{-}mol\ ^{\circ}R}{ft^3}\right) \times 60\ \left(\frac{min}{hr}\right) \times Q_{stk}\ \left(\frac{dscf}{min}\right) \times C\ (ppb) \times MW\ \left(\frac{lb}{lb\text{-}mol}\right)}{(T_{ref} + 460)\ ^{\circ}R}$$

where:

ER	=	Emission rate (lb/hr)
Q_{stk}	=	Stack gas flow rate (dscf/min)
C	=	Measured concentration (ppb)
MW	=	HAP molecular weight (lb/lb-mol)
T_{ref}	=	Standard temperature referenced (°F)

Equation 2: Emission Factor in (lb/MMBtu) for gaseous HAP:

$$EF_F\ \left(\frac{lb}{MMBtu}\right) = \frac{1.369 \times 10^{-3}\ \left(\frac{lb\text{-}mol\ ^{\circ}R}{ft^3}\right) \times F_d\ \left(\frac{dscf}{MMBtu}\right) \times C\ (ppb) \times MW\ \left(\frac{lb}{lb\text{-}mol}\right) \times \frac{20.9}{20.9 - \%\ O_2}}{(T_{ref} + 460)\ ^{\circ}R}$$

where:

EF_F	=	Emission factor (lb/MMBtu)
F_d	=	Fuel factor (dscf/MMBtu)

$\%O_2$ = Percent oxygen in the stack

Equation 3: Emission Rate in (lb/hr) for particulate HAP:

$$ER\ \left(\frac{lb}{hr}\right) = 3.70 \times 10^{-?} \times C\ \left(\frac{\mu g}{dscm}\right) \times Q_{std}\ \left(\frac{dscf}{min}\right)$$

where: C = Measured concentration (µg/dscm)

Equation 4: Emission Factor in (lb/MMBtu) for particulate HAP:

$$EF_p\ \left(\frac{lb}{MMBtu}\right) = 6.23 \times 10^{-?} \times C\ \left(\frac{\mu g}{dscm}\right) \times F_d\ \left(\frac{dscf}{MMBtu}\right) \times \frac{20.9}{20.9 - \%O_2}$$

where: C = Measured concentration (µg/dscm)

Equation 5: Emission Factor in (lb/HP-hr) for both gaseous and particulate HAP:

$$EF_p\ (lb/HP\text{-}hr) = \frac{ER\ (lb/hr)}{P\ (HP) \times \left(\frac{Load}{100}\right)}$$

where: EF_p = Emission factor based on power output (lb/HP-hr)
P = Power output (HP)
Load = Load conditions of the tested engine

Appendix: Detailed Information about Database

Presentation of Data

The accompanying database is presented in Microsoft Access Version 2.0 (ETD2_ICE.mdb) and in Microsoft Access 97 (ETDB9_01.mdb). It contains hazardous air pollutants (HAP) and criteria pollutant emissions data for internal combustion engines gathered from source test reports. A description of the various data fields in the database is included as Attachment 5.

As previously indicated, a total of 578 tests are included in the RICE Emissions Database. These tests were gathered from a total of 94 test reports, with 27 test reports containing information solely on HAP, 61 test reports containing information solely on criteria pollutants, and six test reports containing information on both criteria and HAP emissions. Some of the test reports represent pooled testing efforts of several engines or testing of the same engine under various loads. EPA assigned individual test ID numbers to each engine, for each load condition. For example, Report ID Number 11 contains three tests for three separate engines. In this case, the Test ID Numbers were assigned as 11.1 through 11.3. Each record corresponds to an individual test for a specific pollutant, and each test consists of three or less runs/measurements. In cases where less than three runs were conducted, an "NR" (not reported) indicates the run was not performed or was not valid.

The database contains two master tables, a "Facilities" table and a "Test Data" table. The common fields which link the two tables are the "Report" and the "ID" fields which contain the Source Report and Test Identification Numbers, respectively. A list identifying the gathered report numbers in the database is included with this document as Attachment 1. Three additional tables were created from the "Test Data" table: (1)Test Data - Criteria Pollutants, (2)Test Data - HAPs, and (3)Test Data - HAPs + Criteria. These tables subdivide the "Test Data" table by test reports which contain criteria pollutant emissions only, test reports which contain HAP emissions data, and test reports with both HAP and criteria pollutants. The data presented in the Facility and Test Data tables are "as reported" information. All calculations (corrected concentrations, emission rates, and emission factors) are performed within the database through the developed queries and modules. These calculations are automatically executed when selecting options presented in the Forms and Reports sections of the database.

Within the database, data were stored in two tables to reduce repetitive entry of data. These tables, and the data fields associated with each table are as follows:

Facilities Table

- Facility name
- Location
- Testing Company
- Date of Test
- Engine Manufacturer
- Engine Model
- Engine Family (2-stroke lean-burn, 4-stroke rich-burn, etc.)
- Air Supply (turbocharged, naturally aspirated, etc.)
- Number of Cylinders
- Rated Horsepower
- Test Horsepower
- Load
- Fuel Type
- Post-combustion Emission Controls

Test Data Table

- Pollutant
- Test Method
- Pollutant Concentration (as reported)
- Detection Limit
- Exhaust Oxygen Percentage
- Data Rating
- Fuel Exhaust Factor (F-Factor)
- Exhaust Flow Rate
- Fuel Heating Value
- Fuel Flow Rate
- Exhaust Moisture Fraction
- Molecular Weight of Pollutant

The database was programmed to merge data in the two tables and calculate emission factors for the available pollutants in units of pounds per horsepower-hour and pounds per million British thermal units of fuel burned. To ensure consistent calculation of emission factors, the database was programmed to use the emission concentration data and process data taken during the testing period to calculate the emission factors. Emission factors provided in each of the test reports were not used. This method of calculating emission factors was chosen because various methods of calculating emission factors were used in the gathered test reports. Also, in some cases, the method of calculating emission factors was not given.

Unreported emissions are presented as "NR." Unreported emissions are the result of missing parameters such as pollutant concentration, fuel type, engine type and size, stack exhaust flowrate, or fuel consumption levels. Typically, each test consisted of

three test runs. For the tests where at least one run (but not all runs) revealed an undetected concentration, a "<" sign precedes the calculated emission rates and factors. In cases where the pollutant was not detected in all test runs, the emission concentrations are presented as "ND". All emission rates and factors corresponding to undetected concentrations are calculated based on one half of the reported pollutant detection limit, and a "<<" sign precedes the calculated emission rates and factors. If the concentration is undetected and the pollutant detection limit is unknown, the emission rate or factor is shown as "NR" (not reported) with a "<<" sign. A detailed description of the calculation equations used to determine the emissions factors was previously presented in the memorandum.

The user can get a summary of emissions data by selecting the options under the "Forms" and the "Reports" sections of the database. The options presented in the Forms section allow the user to compile an emission factor for a specific pollutant for a selected engine type, size, load condition, and control application. The options presented in the Reports section provide the user with summaries of the gathered emissions data.

How to Use the Database

To use the database, open the database file which will automatically open the MAIN FORM view (in case where the MAIN FORM does not open, open the file and choose the FORMS selection on the main database screen, then under the FORMS selection, choose MAIN FORM).

To use the form section:

1- select the "Form" section by clicking on the form tab;
2- select and open the "Main Form" option;
3- select your search criteria, including the engine family, fuel type, engine size, test load condition, pollutant, control device, and the emission units of interest; and
4- once these factors have been identified, the user can either view the data that match the search criteria, or obtain the emission factors from the search criteria.

The following options are available to the user:

a- View Facilities

The VIEW FACILITIES function provides the user with specific information about the engine tested, test conditions, and pollution control devices. Each facility is a "record" as indicated at the bottom of the screen. To view the different facilities in the database, the user should click on the arrows at the bottom of the screen to progress through the various facility records. If the user wishes to

search for a specific engine manufacturer, model, or family, the FIND option allows the user to input a key word or number for the search. The value given in the ID field is a unique facility identification number which is used to cross reference between the FACILITY and TEST DATA databases. To exit this screen, click on the DONE button twice.

b- View EF Inputs

The VIEW EF INPUTS function provides the user with information used (or raw data) to generate emission factors for each test. This type of information includes horsepower, pollutant, F-factor, pollutant concentration, exhaust flow rate, moisture content of exhaust, and oxygen concentration in the exhaust.

c- EF Report

The EF REPORT option provides the user with the engines tested and the resulting emission factors for the selected search options.

The EF REPORT contains the column headings: database ID, engine manufacturer, engine model number, rated horsepower, operating load during testing, emission factors in the selected units, count (the number of runs in each test), and ND count (the number of runs where the pollutant was below the measurement detection limit).

At the end of each data series for a specific pollutant and engine family, summary statistics for the data set are provided. These include the following:

Average EF = The average of emission factors for a specific pollutant and engine family.

Std Dev = The standard deviation of the emission factors for the data set.

Count = The number of tests used to calculate an average emission factor.

RSD (%) = The relative standard deviation of the data set. This value is calculated by dividing the standard deviation by the average and multiplying by 100.

Summary of average concentrations and emission factors by fuel type and pollutant are presented in the "Report" section of the database. To use the "Report" section, select the report tab from the main screen. In order to obtain the calculated emissions data, you must open the desired report (when opening a report, you are basically running all related queries and modules).

NOTE: There are several options located in the TABLE, QUERY, FORM, REPORT, MACRO, and MODULE tabs that have not been addressed in this memorandum. These options are used to support the operation of the database and may not work or provide useful information if chosen singularly. The user is advised to only exercise the options provided in the main screen.

Tests from the EPA's testing at CSU are identified by test identification numbers beginning with "CSU." Test identification numbers from 1 to 100 correspond to HAP. From 100 to 162, the identification numbers refer to tests with only criteria pollutants. Exceptions are report numbers 1, 29, 31 and the CSU test reports. Test number 1.1 contains only HAP, but tests number 1.2, 1.3, 1.4 and 1.5 contain only criteria pollutants. Reports 29 and 31 contain tests with both HAP and criteria pollutants and tests with only criteria pollutants (29.32, 29.40 and 29.43 and 31.10). As they all belong to the same facility, they were kept together with the same report identification numbers. The CSU test reports contain tests with both HAP and criteria pollutant data. Complete references of these test reports are included in Attachment 1.

Certain test report IDs include an "x" with the ID number. These reports are classified by EPA as suspect and the presented data may not reflect accurate emission measurements. In the case of reports 29 and 31, an x was added to indicate that the names of the facilities tested were not provided in the reports. Please note that the EPA is currently conducting certain QA/QC analysis procedures on the accompanying data. The data, as presented, have not been finalized.

Attachment 1
Source Test Identification Numbers

1. Osborne, W. E. and M. D. McDannel. Emissions of Air Toxic Species: Test Conducted Under AB2588 for the Western States Petroleum Association. Prepared by Carnot, Tustin, California for Western States Petroleum Association, Glendale, California. May, 1990.

2. Joint Powers Agencies for Pooled Emission Estimation Program. Final Report for Publicly Owned Treatment Works (POTWs). Appendix - Volume 1. Prepared by James M. Montgomery Consulting Engineers, Inc. for Publicly Owned Treatment Works, California. August, 1990.

3. Huey, S. and C. Castaldini. Effects of NOx Control on Pollutant Emissions in Natural-Gas-Fueled Stationary Engines. Topical Report (September 1991 - June 1992). Prepared by Acurex Environmental Corporation for Gas Research Institute. October, 1992.

4. Castaldini, C. and L. R. Waterland. Environmental Assessment of a Reciprocating Engine Retrofitted with Selective Catalytic Reduction. Project Summary. Prepared by EPA's Air and Energy Engineering Research Laboratory, Research Triangle Park, NC. May, 1986.

5. Revised 1989 AB 2588 Emission Inventory Report. Marine Corps Air Ground Combat Center, Twentynine Palms, California. Volume III. AB 2588 Source Test Report. Prepared by Science Applications International Corporation, Environmental Services Division, San Diego, California, for Southwest Division, Naval Facilities Engineering Command, San Diego, California, June, 1993.

6. Source Emissions Survey of Los Angeles International Airport - Diesel Fired Generating Units, Los Angeles, California. Prepared by Metco Environmental, Dallas, Texas, for ERM-West, Inc. October, 1990.

7. Pooled Source Emission Test Report: Gas-Fired IC Engines in Santa Barbara County. Prepared by ENSR Consulting and Engineering, Camarillo, California, for ARCO Oil and Gas Company, Bakersfield, California. July, 1990.

8. AB 2588 Diesel Emission Test Summary. Prepared by Thermochem, Inc., Laboratory and Consulting Services, Santa Rosa, California, at The Geysers, for Six Participating Geothermal Operator Companies. November, 1990.

9. Porter, T. Ventura Port District Dredge : Air Toxics Emissions Retesting, Ventura Harbor, Ventura, California. Prepared by BTC Environmental, Inc., Ventura, California for Applied Environmental Technologies. February 25, 1991.

10. Air Pollution Source Testing for California AB 2588 on an Oil Platform Operated by Chevron USA, Inc., Platform Hope, California. Prepared by Engineering-Science, Pasadena, California for Chevron USA Inc., Ventura, CA. August 29, 1990.

11. Air Pollution Source Testing for California AB 2588 of Engines at the Chevron USA, Inc. Carpinteria Facility. Prepared by Engineering-Science, Pasadena, California, for Chevron USA, Inc., Ventura, California. August, 1990.

12. Source Emissions Survey of Vandenberg Air Force Base, Engines No. 1, 2, 3 and 4 Exhaust Stacks, Vandenberg, CA, Volume 1. Prepared by Metco Environmental, Dallas, Texas for Versar, Inc. May and June, 1990.

13. Compliance Report of Hydraulic Dredge "Ollie" Application # 1266-111. Prepared by South Coast Environmental Company, La Verne, California, for Reidel International, Portland, Oregon. Parameters Measured: Formaldehyde, Poly Aromatic Hydrocarbons (PAH's)and Multiple Metals by Fuel Analysis. March 8, 1991.

14. Air Emission Testing of Internal Combustion Engines for Chevron USA Production Company, Carpinteria, CA, Tested by Engineering Science, Inc. March, 1992.

15. Western States Petroleum Association, Bakersfield, California. Pooled Source Emission Test Report: Oil and Gas Production Combustion Sources, Fresno and Ventura Counties, California (Without Appendices). Prepared by: ENSR Consulting and Engineering. January, 1991.

16. Finnie, S. and T. Wong. Source Emissions Testing Final Test Report. Volume 1. Pooled Source Testing of a Rig Diesel-Fired Internal Combustion Engine. Prepared by Entropy Environmentalists, Inc., Huntington Beach, California for Western States Petroleum Association, Bakersfield, California. October 2, 1992.

17. Source Testing of a Diesel-Fired Generator Engine at the U.S. Naval Communications Facility in Stockton, California. Prepared by BTC Environmental Inc., Ventura, CA. 1990.

18. Air Pollution Source Testing for California AB 2588 at the Naval Weapons Center, China Lake, CA. Prepared by Engineering-Science, Inc., Irwindale, CA, for Kern County Air Pollution Control District, Bakersfield, CA. November 4, 1991.

19. AB 2588 Air Toxics Emission Testing at PRCC - IC Engine. Prepared by Steiner Environmental, Inc., Bakersfield, California, for Rand Mining Company, Randsburg, California. December, 1991.

20. Air Toxics Hot Spots Testing at Southern California Gas Company, Goleta Station - IC Engine # 3. Prepared for: Southern California Gas Company Test Center. Prepared by: Pape & Steiner Environmental Services. June, 1990.

21. Texaco Exploration & Production Inc. Gas Compressor Emissions Testing. Final Report. Prepared for Texaco Exploration & Production Inc., Ferndale, Washington, by Emission Technologies, Inc., Burlington, Washington. June 26, 1995.

23. AB 2588 Air Toxics Emission Testing at PRCC - IC Engine. Prepared for Products Research and Chemical Corporation, Mojave, California, by Steiner Environmental, Bakersfield, California. December, 1991.

24. Espinosa, V. Emissions from an Internal Combustion Engine Fueled by Landfill Gas. Source Test Report Conducted at GSF Energy, Inc., Olinda Landfill Power Station, Internal Combustion Engine, Brea, California, by South Coast Air Quality Management District, El Monte, California. July 15, 1988.

25. AB2588 Source Testing at the Naval Petroleum Reserve # 1 for the Department of Energy and Chevron, at Elk Hills, CA, Engines K-27 (report ID 25.1), K-36 (ID 25.2), K-49 (ID 25.3), K-70 (ID 25.4). Prepared by : Petro Chem Environmental Services, Inc. Prepared for : Chevron USA, Inc., Bakersfield, CA. February, 1992.

26. Engineering Test Report at Asilomar Conference Center, Pacific Grove, California. Prepared by South Coast Environmental Company, Orange, California. December 31, 1991.

27. Source Test Emission Report for the Delaval Engine at the Central Heating Facility and the Waukesha Engine at the Athletic Facility of UC Santa Cruz, California. Prepared for Santa Cruz Cogeneration Associates, Fairfield, California by Best Environmental, Inc., San Leandro California. September 22, 1992.

28. Shih, C.C., et al. Emissions Assessment of Conventional Stationary Combustion Systems; Volume II Internal Combustion Sources. Prepared by TRW, Inc., Redondo Beach, California for US EPA, Office of Research and Development, Washington, DC (Contract No. 68-02-2197). EPA-600/7-79-029c. February, 1979.

29. GRI Topical Report, Measurement of Air Toxic Emissions from Natural Gas-Fired Internal Combustion Engines at Natural Gas Transmission and Storage Facilities, Volume II: Appendices. Prepared by: Gas Research Institute. February, 1996.

30. Air Toxic "Hot Spots" Emissions Inventory Report, Dregde "Headway", Ventura Harbor, California. Prepared for: Dutra Dredging Company, Job No. 0060-01. Prepared by: Applied Environmental Technologies, Inc. May 31, 1990.

31. GRI Topical Report, Measurement of Air Toxic Emissions From Combustion Equipment at Natural Gas Processing Plants, Volume II: Appendices. Prepared by: Gas Research Institute. November 1997.

101. Compliance Emission Test Report, Phillips Petroleum Company, Lake

Washington Central Battery No. 1 Generator. Prepared by: Environmental Science & Engineering, Inc. October, 1992.

102. Compliance Source Test At The Naval Petroleum Reserve #1 For The Department Of Energy and Chevron, At Elk Hills, CA, Engines K-70 (report ID 102.1 and 102.2) and K-71 (report ID 102.3 and 102.4). Prepared By: Petro Chem Environmental Services, Inc. Prepared For: Chevron USA, Inc., Bakersfield, CA. May 25 and July 22, 1993 (ID 102.1, 102.2) and May 11, 1992 (ID 102.3, 102.4).

103. Test for UNOCAL, Santa Monica, CA, Tested by Petro Chem Environ Services. October, 1988.

104. Source Test Report, Oxides Of Nitrogen And Carbon Monoxide, Emission Test Results For Internal Combustion Engines At Garden City Compressor Station. ESE No.: 3907022000. Prepared By: HUNTER/ESE, Inc., Baton Rouge, LA. Prepared For: Louisiana Intrastate Gas Corporation, Alexandria, LA. September 1989.

105. Emission Testing on Compressor Engines #3 and #4 at Avery Island FWD and Compressor Station No. 1, New Iberia, Louisiana, Tested by Emission Testing Services, Inc., Baton Rouge, Louisiana. December, 1992.

106. Oxides Of Nitrogen And Carbon Monoxide, 5A Compressor. Report No.: 87037. Prepared By: Emission Testing Services, Inc., Baton Rouge, LA. Prepared For: Arco Oil And Gas Company, St. Mary Parish, LA. October 6, 1987.

107. Compliance Test Report for Battles Gas Plant, UNOCAL Corporation, Orcutt, CA. Prepared by: Petro Chem Environmental Services. November, 1992.

108. I.C. Engine Emission Tests at Southern California Gas Goleta Station. Report PS-90-2255. Prepared by Pape & Steiner Environmental for Southern California Gas Company. September, 1990.

109. Emission Testing On TPLI Unit #2 At The Lake Barre Booster Station. File No.:

92024. Prepared By: Emission Testing Services, Inc., Baton Rouge, LA. Prepared For Texaco Pipeline, Inc., Houston, TX. March 19, 1992.

110. W. Schneider, Air Pollution Control Engineer, Division Of Technical Services And Monitoring, Bureau Of Air Quality Control, Commonwealth of Pennsylvania to Peoples Natural Gas Company, Laurel Ridge Compressor Station, Jackson Township, Cambria County, PA. Memorandum: Source Test Review For Non-methane Hydrocarbons, Nitrogen Oxides, And Carbon Monoxide. April 14, 1992.

111. Source Tests Reports for Bechtel Petroleum Operations, Inc., Elk Hills Naval Petroleum Reserve, Tupman CA, tested by Petro Chem Environmental Services, Inc., April 1991.

112. Internal Combustion Engines - Source Test Emissions Summary Report #086-211. Unocal, Orcutt, California. November, 1992.

113. Compliance Source Test At The Naval Petroleum Reserve #1 For The Department Of Energy and Chevron, At Elk Hills, CA, Engine K-43. Prepared By: Petro Chem Environmental Services, Inc. Prepared For: Chevron USA, Inc., Bakersfield, CA. April 16, 1991.

114. T. Bianca, Air Pollution Control Engineer, Division Of Technical Services And Monitoring, Bureau Of Air Quality Control, Commonwealth of Pennsylvania to National Fuel Gas Supply Corporation, Alleghany Township, Potter County, PA. Memorandum: Source Tests To Determine Carbon Monoxide, Nitrogen Oxides, And Total Non-methane Hydrocarbons. January 30,1991.

115. T. Bianca, Air Pollution Control Engineer, Division Of Technical Services And Monitoring, Bureau Of Air Quality Control, Commonwealth of Pennsylvania to National Fuel Gas Supply Corporation, Alleghany Township, Potter County, PA. Memorandum: Source Tests To Determine Carbon Monoxide, Nitrogen Oxides, And Total Non-methane Hydrocarbons. January 30, 1991.

116. Annual Compliance Test, Chevron USA, Warren Gas Plant, Internal Combustion Engine #'s 1 & 2. Report No.: 7777-0301. Prepared By: Genesis Environmental Services Company, Bakersfield, CA. Prepared For: Chevron USA, Inc., Bakersfield, CA. October 1, 1991.

117. Oxides Of Nitrogen And Carbon Monoxide Emission Testing On K-402 Compressor. Report No.: 90028. Prepared By: Emission Testing Services, Inc., Baton Rouge, LA. Prepared For: Mobil Oil Corporation, Chalmette, LA. March 28-29, 1990.

118. Compliance Emission Test Report, Phillips Petroleum Company, Lake Washington Central Battery, No. 4 Compressor. Prepared By: Environmental Science and Engineering, Inc.. Prepared For: Phillips Petroleum Company. January, 1993.

119. IC Engine Emission Tests on three Points within the City of Tulare's Sewage Treatment Plant, Tested by Steiner Environmental, Inc. April, 1993.

120. Annual Compliance Test, Coalinga Station, Pipeline Plant, Engines #1. Report No.: 291-101, Job No.: 21999. Prepared By: BTC Environmental, Inc., Ventura, CA. Prepared Unocal, San Luis Obispo, CA. June 26, 1991.

121. Unocal Corporation, Coalinga Lease, Coalinga, California. Prepared by: Petro-Chem Environmental Services, Inc. (PCES). May 14, 1993.

122. Emission Testing On The Hammock Station Compressor, Longwood Grace Unit, (Section 5). File No.: 92082b. Prepared By: Emission Testing Services, Inc., Baton Rouge, LA. Prepared For: Gulf States Pipeline Corporation, Shreveport, LA. July 29, 1992.

123. Oxides Of Nitrogen And Carbon Monoxide Emission Testing, Engine 83-01 and 84-01, Wilcox Production Facility CF #3, Lockhart Crossing Field. Prepared By: Emission Testing Services, Inc., Baton Rouge, LA. Prepared For: Amoco Production Company, Lafayette,LA. September 7-8 and October 30, 1989.

124. Source Test Report, Hunter Resources, Santa Barbara, CA, Kobe Well Pump Engine, Tested by SCEC, Orange County, CA. March, 1992.

125. M. Hopko, Air Quality Program Specialist, Division Of Technical Services And Monitoring, Bureau Of Air Quality Control, Commonwealth Of Pennsylvania, to

Texas Eastern Gas Pipeline Company, Holbrook Compressor Station, Richhill Township, Greene County, PA. Memorandum: Sampling and Analysis of 17 Engines and 1 Combustion Turbine at the Holbrook Compressor Station, for CO_2 and O_2 concentrations, NOx CO, O_2 and Unburned Hydrocarbon Concentrations for Turbines. January 23-29, 1991.

126. Annual Compliance Test, Lost Hills Gas Plant IC Engines 1 Through 6. Report No.: PS-90-2215/Project 6838-90. Prepared By: McRae, Gary and Reshad, Charles, Pape and Steiner Environmental Services, Bakersfield, CA. Prepared For: Texaco USA, Taft, California. August, 1990.

127. Compliance Source Test At The Naval Petroleum Reserve #1 For The Department Of Energy and Chevron, At Elk Hills, CA, Engine K-59. Prepared By: Petro Chem Environmental Services, Inc. Prepared For: Chevron USA, Inc., Bakersfield, CA. April 14, 1992.

128. Emission Testing On Compressor C.B. GMVA-12, Emission Point ENG 004, At Bayou Sale Field. File No.: 92129B. Prepared By: Emission Testing Services, Inc., Baton Rouge, LA. Prepared For: Exxon Company, U.S.A., New Orleans, LA. October 28, 1992.

129. Annual Emission Testing, Texaco Production Inc. Ventura, CA, Shiells Canyon Gas Plant, Exxon #1 & #2, Oaks #1 & #3, Prepared by BTC Environmental, Inc. Ventura, CA. July, 1993.

130. J. Pitulski, Commonwealth of Pennsylvania, Air Quality Program Specialist, Division Of Technical Services And Monitoring, Bureau Of Air Quality Control to CNG Transmission Corporation, Tioga Compressor Station, Farmington Township, Tioga County, PA. Memorandum: Source Test Review on Engine Nos. 1 and 2 at CNG Corporation Tioga Compressor Station on 4200 HP, Model TCV-10, Natural Gas Fired Reciprocating Units Manufactured by Dresser-Rand, Inc. September 19, 1989.

131. IC Engine Emission Testing. Report No.: PS-93-3241/Project 7400-93. Prepared By: Steiner Environmental, Inc., Bakersfield, CA. Prepared For: Tehachapi-Cummings Water District, Tehachapi, California. October, 1993.

132. J. Pai, Air Pollution Control Engineer, Division Of Technical Services And Monitoring, Bureau Of Air Quality Control, Commonwealth Of Pennsylvania, to Tennessee Gas Pipeline Company, Compressor Station 313, Hebron Township, Potter County. Memorandum: Carbon Monoxide and Total Hydrocarbon Tests, Performed to Show Compliance with the Vendor-Guaranteed Limits. August 14, 1986.

133. Compliance Source Test At The Naval Petroleum Reserve #1 For The Department Of Energy and Chevron, At Elk Hills, CA, Engine K-71. Prepared By: Petro Chem Environmental Services, Inc. Prepared For: Chevron USA, Inc., Bakersfield, CA. May 26, 1993.

134. Test Report on Exhaust Emissions from a Superior 6GTLA Compressor Engine at Florida Gas Transmission Company's, Station No. 77, Calcasieu Parish, Louisiana. May, 1993.

135. Source Emission Testing JP-5 Oil Fired Engines on Santa Cruz Island PTO #7975-02. Prepared by BTC Environmental, Inc. for Department of the Navy/Environmental Division, Naval Air Weapons Station, Point Mugu, CA. May, 1993.

136. Compliance Source Test Report, Oryx Energy Co., Valencia, CA, Hamp Lease ICE #4 & #5, Tested by Petro-Chem Environmental Services. September, 1991.

137. Oxides Of Nitrogen And Carbon Monoxide Emission Testing On K-401 Compressor. Report No. 90027. Prepared By: Emission Testing Services, Inc., Baton Rouge, LA. Prepared For: Mobil Oil Corporation, Chalmette, LA. April 2-3, 1990.

138. Compliance Test, No. 2 Engine, Emission Point Number 05. Report Prepared For: ARCO, Sligo Facility, Bossier City, LA. April 6 & 7, 1992.

139. Emission Testing on Compressor #5 Gibbstown Terminal, Tested by Emission Testing Services, Inc., Baton Rouge, Louisiana. November, 1991.

140. Emission Testing On Compressor #1, Freshwater Terminal. File No.: 91151C.

Prepared By: Emission Testing Services, Inc., Baton Rouge, LA. Prepared For: Conoco, Inc., Lafayette, LA. November 26, 1991.

141. S. Darling, Air Pollution Control Engineer, Continuous Emission Monitoring Unit, Division Of Technical Services And Monitoring, Bureau Of Air Quality Control, Commonwealth of Pennsylvania to CNG Transmission Corporation, Genesee Township, Potter County, PA. Memorandum: Source Test Review on NOx, CO and Total Gaseous Non-Methane Organic (TGNMO) Testing On The Engine Designated No. 1. October 4, 1990.

142. Emission Testing from a Waukesha 5108 GSIU Compressor Engine at Exxon's Sabine Lake Plant, Orange County, TX, Tested by Cubix Corporation. March, 1985.

143. Emission Testing, Reciprocating Compressor And Stationary Gas Turbine. Report No.: EEI 20137. Prepared By: Entropy Environmentalists, Inc., Research Triangle Park, NC. Prepared For Columbia Gulf Transmission Company, Rayne, LA. March, 1992.

144. Texaco Production Inc., Ventura County, Lloyd Corporation, Central and VL&W East Sites. Prepared by: BTC Environmental. February, 1990.

145. Emission Testing on Compressor Unit No. 4 Source ID RC-03 at Haughton Compressor Station, Louisiana, Tested by Emission Testing Services, Inc., Baton Rouge, Louisiana. December, 1992.

146. IC Engine 2110 Retest, City of Tulare, Water Pollution Control, Tulare, CA, Tested by Steiner Environmental, Inc., Bakersfield, CA. August, 1993.

147. Emission Testing On The Compressor, Longwood Grace Unit, (Section 17). File No.: 92082a. Prepared By: Emission Testing Services, Inc., Baton Rouge, LA. Prepared For: Gulf States Pipeline Corporation, Shreveport, LA. July 30, 1992.

149. W. Schneider, Air Pollution Control Engineer, Division Of Technical Services And Monitoring, Bureau Of Air Quality Control, Commonwealth Of Pennsylvania, to Transcontinental Gas Pipe Line Corporation (TRANSCO), Station 515, Bear

Creek Township, Lazerne County, PA. Memorandum: Emission Evaluation of the Solar Natural Gas Fired Turbine and Natural Gas Fired Reciprocating Engine. June 1, 1992.

150. Oxides Of Nitrogen And Carbon Monoxide Emission Testing On Engine #3 and #16 At Jeanerette Field. Report No.: 91098. Prepared By: Emission Testing Services, Inc., Baton Rouge, LA. Prepared For: ARCO Oil and Gas Company, Southeastern District, Lafayette, LA. July 29-30, 1991.

151. I.C. Engine Emission Tests at Southern California Gas Goleta Station. Report PS-91-2571. Prepared by Steiner Environmental, Inc. for Southern California Gas Company. October, 1991.

152. Emission Testing On The #8 Dresser-Rand 412 KVSE Natural Gas-Fired Reciprocating Engine Compressor, Located At Ellisburg Station In Coudersport, PA. Prepared By: Engineering Science. Prepared For: The National Fuel Gas Supply Corporation. November 15,1990.

153. W. Schneider, Air Pollution Control Engineer, Division Of Technical Services and Monitoring, Bureau Of Air Quality Control, Commonwealth Of Pennsylvania to CNG Transmission Corporation, North Summit Compressor Station, North Township, Fayette County, PA. Memorandum: Source Test Review Of The Exhaust Stacks Of Each Engine For Nitrogen Oxides, Carbon Monoxide, And Non-methane Hydrocarbons. July 21, 1992.

154. Compliance Test For VOC, CNG Gas Transmission Lines, Galson Corp. Prepared By: Lewis, Trent and Gruber, LeRoy, Department Of Environmental Services, Air Quality Programs, Cincinnati, OH. June 7, 1993.

155. UNOCAL NOx & ROC Emission Tests for Santa Barbara APCD, Tested by Petro Chem Environ. Serv., ICE testing at Various Loads. October, 1989.

156. Compliance Testing, Oryx Energy Co., Hamp Lease #3, CAT G398, Located at Ojai, CA, Tested by Petro Chem Environmental Services. July, 1989.

157. Sun Production, CAT G398V-12, #3, located at Hamp Lease in Ojai, CA, Tested

by Petro Chem Environmental Services. March, 1989.

158. NOx Removal Efficiency Determination and NOx and CO Emissions Testing, Compressor Engine Unit No. C301B at GSF Energy, Inc. MacCarty Road Plant - Compliance Test Results, Houston, Texas. Prepared by: NUS Corporation. April 28, 1989.

159. AB2588 Source Testing At The Naval Petroleum Reserve #1 For The Department Of Energy and Chevron, At Elk Hills, CA, Engine K-71. Prepared By: Petro Chem Environmental Services, Inc. Prepared For: Chevron USA, Inc., Bakersfield, CA. December 16, 1991.

160. Emission Performance Testing Of Four Internal Combustion Engines, Site: Semitropic Water Storage District, Kern County, California. Application #0239007, 0239008, 023009, 0239010. Prepared By: Rooney, Thomas, Western Environmental Services, Redondo Beach, CA. Prepared for: TCC, Inc., Bakersfield, CA. August 24-25, 1993.

161. Compliance Report of Hydraulic Dredge "Ollie" Application # 1266-111. Prepared by South Coast Environmental Company, La Verne, California, for Reidel International, Portland, Oregon. Parameters Measured: NOx, CO, ROG and NH_3 Emissions. March 20, 1991.

162. Report on Compliance Testing. Performed for: Cogentrix. Conducted at: Ringgold Cogeneration, Ringgold Township, Jefferson County, Pennsylvania. Tested by: Clean Air Engineering. February 19, 1991.

CSU-1. Testing of Emissions of Hazardous Air Pollutants from Reciprocating Internal Combustion Engines (Draft Final Report). Prepared by Pacific Environmental Services, Inc., Research Triangle Park, NC. Prepared for U.S. Environmental Protection Agency, Research Triangle Park, NC. August 1999.

CSU-2. Preliminary Emissions Testing Data for a 4SLB Natural Gas Fired Engine. Emissions Test Conducted by Pacific Environmental Services, Inc., Research Triangle Park, NC. Prepared for U.S. Environmental Protection Agency, Research Triangle Park, NC. August 1999.

CSU-3. Preliminary Emissions Testing Data for a Compression Ignition Diesel Fired Engine. Emissions Test Conducted by Pacific Environmental Services, Inc., Research Triangle Park, NC. Prepared for U.S. Environmental Protection Agency, Research Triangle Park, NC. August 1999.

Attachment 2
Summary of HAP Emissions Data for Internal Combustion Engines

Summary of HAP Emissions Data for Internal Combustion Engines

05-Feb-02

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
Diesel							
1,3-Butadiene							
	16	CARB 422.102	487	ppb	.00126	.00312	.00000754
	8.3	CARB 410A	2.9	ppb	<< .0000284	<< .00000729	<< .000000033
	CSU-3.4.2	Alternate Method 17/	50	ppb	NR	<< .000117	NR
	CSU-3.13.2	Alternate Method 17/	50	ppb	NR	<< .000133	NR
	CSU-3.4.1	Alternate Method 17/	250	ppb	NR	<< .000585	NR
	CSU-3.13.1	Alternate Method 17/	250	ppb	NR	<< .000653	NR
	CSU-3.1.2	Alternate Method 17/	50	ppb	NR	<< .000131	NR
	CSU-3.12.2	Alternate Method 17/	50	ppb	NR	<< .000132	NR
	CSU-3.12.1	Alternate Method 17/	250	ppb	NR	<< .000653	NR
	CSU-3.14.1	Alternate Method 17/	250	ppb	NR	<< .000643	NR
	CSU-3.2.1	Alternate Method 17/	250	ppb	NR	<< .000687	NR
	CSU-3.3.1	Alternate Method 17/	250	ppb	NR	<< .000624	NR
	CSU-3.11.1	Alternate Method 17/	250	ppb	NR	<< .000653	NR
	CSU-3.10.2	Alternate Method 17/	50	ppb	NR	<< .000132	NR
	CSU-3.10.1	Alternate Method 17/	250	ppb	NR	<< .00066	NR
	CSU-3.2.2	Alternate Method 17/	50	ppb	NR	<< .000139	NR
	CSU-3.9.1	Alternate Method 17/	250	ppb	NR	<< .000684	NR
	CSU-3.9.2	Alternate Method 17/	50	ppb	NR	<< .000136	NR
	CSU-3.11.2	Alternate Method 17/	50	ppb	NR	<< .000132	NR
	CSU-3.1.1	Alternate Method 17/	250	ppb	NR	<< .000641	NR
	CSU-3.14.2	Alternate Method 17/	50	ppb	NR	<< .000131	NR
	CSU-3.3.2	Alternate Method 17/	50	ppb	NR	<< .000124	NR
				Maximum:	**.00126**	**.00312**	**.00000754**
				Average:	**.000644**	**.000496**	**.00000379**
Acetaldehyde							
	16	CARB 430	1170	ppb	.00246	.00608	.0000146
	1.1	CARB 429	340	ppb	.00174	.00107	.00000497
	15.1	CARB 430	12.3	ppb	.0000986	.0000252	.000000116

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	15.2	CARB 430	91.3	ppb	.000518	.000466	.00000148
	CSU-3.1.1	FTIR	680	ppb	NR	.00253	NR
	CSU-3.12.1	FTIR	1000	ppb	NR	.00372	NR
	CSU-3.4.2	FTIR	1000	ppb	NR	.00372	NR
	CSU-3.14.2	FTIR	1400	ppb	NR	.0052	NR
	CSU-3.1.2	FTIR	2000	ppb	NR	.00743	NR
	CSU-3.11.2	FTIR	1500	ppb	NR	.00557	NR
	CSU-3.13.1	FTIR	920	ppb	NR	.00342	NR
	CSU-3.12.2	FTIR	1700	ppb	NR	.00632	NR
	CSU-3.3.1	FTIR	560	ppb	NR	.00208	NR
	CSU-3.2.1	FTIR	780	ppb	NR	.0029	NR
	CSU-3.10.2	FTIR	1900	ppb	NR	.00706	NR
	CSU-3.2.2	FTIR	1200	ppb	NR	.00446	NR
	CSU-3.9.2	FTIR	1900	ppb	NR	.00706	NR
	CSU-3.9.1	FTIR	920	ppb	NR	.00342	NR
	CSU-3.4.1	FTIR	590	ppb	NR	.00219	NR
	CSU-3.14.1	FTIR	810	ppb	NR	.00301	NR
	CSU-3.10.1	FTIR	800	ppb	NR	.00297	NR
	CSU-3.13.2	FTIR	1500	ppb	NR	.00557	NR
	CSU-3.11.1	FTIR	790	ppb	NR	.00294	NR
	CSU-3.3.2	FTIR	1200	ppb	NR	.00446	NR
				Maximum:	**.00246**	**.00743**	**.0000146**
				Average:	**.0012**	**.0039**	**.00000529**
Acrolein							
	15.2	CARB 430	20.7	ppb	.000149	.000134	.000000427
	16	CARB 430	64.2	ppb	.000172	.000425	.00000103
	1.1	CARB 429	9.33	ppb	< .0000608	< .0000373	< .000000173
	15.1	CARB 430	2.33	ppb	< .0000237	< .00000607	< .000000027
	CSU-3.2.1	FTIR	525	ppb	NR	<< .0015	NR
	CSU-3.9.2	FTIR	2020	ppb	NR	<< .00571	NR
	CSU-3.3.1	FTIR	525	ppb	NR	<< .00136	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-3.4.2	FTIR	2020	ppb	NR	<< .00493	NR
	CSU-3.12.1	FTIR	525	ppb	NR	<< .00142	NR
	CSU-3.11.2	FTIR	2020	ppb	NR	<< .00554	NR
	CSU-3.3.2	FTIR	2020	ppb	NR	<< .00521	NR
	CSU-3.2.2	FTIR	2020	ppb	NR	<< .00584	NR
	CSU-3.14.2	FTIR	2020	ppb	NR	<< .00551	NR
	CSU-3.10.1	FTIR	525	ppb	NR	<< .00144	NR
	CSU-3.11.1	FTIR	525	ppb	NR	<< .00142	NR
	CSU-3.1.1	FTIR	525	ppb	NR	<< .0014	NR
	CSU-3.10.2	FTIR	2020	ppb	NR	<< .00554	NR
	CSU-3.9.1	FTIR	525	ppb	NR	<< .00149	NR
	CSU-3.12.2	FTIR	2020	ppb	NR	<< .00554	NR
	CSU-3.13.1	FTIR	525	ppb	NR	<< .00142	NR
	CSU-3.4.1	FTIR	525	ppb	NR	<< .00127	NR
	CSU-3.1.2	FTIR	2020	ppb	NR	<< .00549	NR
	CSU-3.13.2	FTIR	2020	ppb	NR	<< .00559	NR
	CSU-3.14.1	FTIR	525	ppb	NR	<< .0014	NR
				Maximum:	**.000172**	**.00584**	**.00000103**
				Average:	**.000101**	**.0029**	**.000000414**
Benzene							
	16	CARB 410A	193	ppb	.000723	.00179	.00000431
	8.3	CARB 410A	429	ppb	.00607	.00156	.00000714
	12.1	CARB 0030	31	ppb	.00151	.000118	.00000119
	1.1	CARB 410A	95	ppb	.000977	.000535	.00000279
	15.2	CARB 410A	147	ppb	.00148	.00133	.00000422
	5	CARB 410A	580	ppb	.00768	.00203	.0000151
	15.1	CARB 410A	213	ppb	.00302	.000772	.00000355
	CSU-3.14.2	Alternate Method 17/	7.5	ppb	NR	<< .0000284	NR
	CSU-3.9.1	Alternate Method 17/	33	ppb	NR	.00013	NR
	CSU-3.3.2	Alternate Method 17/	7.5	ppb	NR	<< .0000269	NR
	CSU-3.13.1	Alternate Method 17/	30	ppb	NR	.000113	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-3.4.2	Alternate Method 17/	7.5	ppb	NR	<< .0000254	NR
	CSU-3.11.2	Alternate Method 17/	30	ppb	NR	.000114	NR
	CSU-3.10.1	Alternate Method 17/	35	ppb	NR	.000133	NR
	CSU-3.10.2	Alternate Method 17/	7.5	ppb	NR	<< .0000286	NR
	CSU-3.9.2	Alternate Method 17/	7.5	ppb	NR	<< .0000294	NR
	CSU-3.14.1	Alternate Method 17/	40	ppb	NR	.000149	NR
	CSU-3.2.1	Alternate Method 17/	50	ppb	NR	.000199	NR
	CSU-3.1.1	Alternate Method 17/	40	ppb	NR	.000148	NR
	CSU-3.13.2	Alternate Method 17/	7.5	ppb	NR	<< .0000288	NR
	CSU-3.3.1	Alternate Method 17/	7.5	ppb	NR	<< .000027	NR
	CSU-3.2.2	Alternate Method 17/	7.5	ppb	NR	<< .0000301	NR
	CSU-3.11.1	Alternate Method 17/	50	ppb	NR	.000189	NR
	CSU-3.1.2	Alternate Method 17/	35	ppb	NR	.000132	NR
	CSU-3.12.1	Alternate Method 17/	58	ppb	NR	.000219	NR
	CSU-3.4.1	Alternate Method 17/	90	ppb	NR	.000304	NR
	CSU-3.12.2	Alternate Method 17/	7.5	ppb	NR	<< .0000286	NR
				Maximum:	**.00768**	**.00203**	**.0000151**
				Average:	**.00307**	**.000378**	**.00000547**
Beryllium							
	12.7	NR	1.53	ug	NR	NR	NR
	12.6	NR	.4	ug/dscm	<< .00000542	<< .000000492	<< .000000004
	12.1	NR	.5	ug/dscm	<< .00000746	<< .000000593	<< .000000005
	12.4	NR	.5	ug/dscm	<< .0000067	<< .000000784	<< .000000006
				Maximum:	**.00000746**	**.000000784**	**.0000000065**
				Average:	**.00000653**	**.000000623**	**.0000000055**
Cadmium							
	12.6	NR	1.11	ug/dscm	.0000151	.00000137	.000000011
	12.1	NR	69.5	ug/dscm	.00104	.000084	.000000814
	12.7	NR	3.2	ug	NR	NR	NR
	12.4	NR	3.39	ug/dscm	< .000046	< .00000443	< .000000045

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
				Maximum:	**.00104**	**.000084**	**.000000814**
				Average:	**.000367**	**.0000299**	**.00000029**
Chromium							
	12.7	NR	3.33	ug	NR	NR	NR
	12.4	NR	3.95	ug/dscm	.0000528	.00000634	.000000052
	12.6	NR	4.35	ug/dscm	.0000591	.00000545	.000000046
	16	CARB 425	1.56	ug/dscm	.00000178	.00000441	.000000010
	12.1	NR	1.97	ug/dscm	.0000294	.00000233	.000000023
				Maximum:	**.0000591**	**.00000634**	**.000000052**
				Average:	**.0000358**	**.00000463**	**.000000033**
Ethylbenzene							
	8.3	CARB 410A	9.13	ppb	< .000176	< .000045	< .000000207
	16	CARB 422	6.27	ppb	.0000318	.0000788	.00000019
	5	CARB 410A	10.1	ppb	.000182	.0000481	.000000357
	CSU-3.3.2	Alternate Method 17/	7.5	ppb	NR	<< .0000365	NR
	CSU-3.10.1	Alternate Method 17/	7.5	ppb	NR	<< .0000388	NR
	CSU-3.2.1	Alternate Method 17/	7.5	ppb	NR	<< .0000405	NR
	CSU-3.13.2	Alternate Method 17/	7.5	ppb	NR	<< .0000392	NR
	CSU-3.14.2	Alternate Method 17/	7.5	ppb	NR	<< .0000387	NR
	CSU-3.4.2	Alternate Method 17/	7.5	ppb	NR	<< .0000345	NR
	CSU-3.3.1	Alternate Method 17/	7.5	ppb	NR	<< .0000367	NR
	CSU-3.9.1	Alternate Method 17/	7.5	ppb	NR	<< .0000403	NR
	CSU-3.11.2	Alternate Method 17/	7.5	ppb	NR	<< .0000388	NR
	CSU-3.4.1	Alternate Method 17/	7.5	ppb	NR	<< .0000345	NR
	CSU-3.9.2	Alternate Method 17/	7.5	ppb	NR	<< .00004	NR
	CSU-3.1.1	Alternate Method 17/	7.5	ppb	NR	<< .0000377	NR
	CSU-3.13.1	Alternate Method 17/	7.5	ppb	NR	<< .0000385	NR
	CSU-3.1.2	Alternate Method 17/	7.5	ppb	NR	<< .0000385	NR
	CSU-3.2.2	Alternate Method 17/	7.5	ppb	NR	<< .0000409	NR
	CSU-3.12.1	Alternate Method 17/	7.5	ppb	NR	<< .0000385	NR
	CSU-3.12.2	Alternate Method 17/	7.5	ppb	NR	<< .0000388	NR

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-3.14.1	Alternate Method 17/	7.5	ppb	NR	<< .0000378	NR
	CSU-3.10.2	Alternate Method 17/	7.5	ppb	NR	<< .0000388	NR
	CSU-3.11.1	Alternate Method 17/	7.5	ppb	NR	<< .0000384	NR
				Maximum:	**.000182**	**.0000788**	**.000000357**
				Average:	**.00013**	**.0000408**	**.000000251**
Formaldehyde							
15.1		CARB 430	56.3	ppb	.000307	.0000783	.000000361
8.3		CARB 430	50	ppb	<< .000272	<< .0000699	<< .00000032
12.7		CARB 430	150	ppb	< .00282	< .000231	< .00000222
6.1		CARB 430	5	ppb	<< .00000827	<< .0000143	NR
9		CARB 430	5330	ppb	.148	.0313	.0000925
30		CARB 430	2.82	ppb	<< .000104	<< .0000219	<< .000000065
6.3		CARB 430	5	ppb	<< .00000215	<< .0000136	NR
6.5		CARB 430	96.7	ppb	.000124	.000236	NR
6.2		CARB 430	5	ppb	<< .000013	<< .0000184	NR
1.1		CARB 430	647	ppb	.00226	.00138	.00000644
13		CARB 430	1.99	ppb	.000061	.00000342	.000000013
5		CARB 430	772	ppb	.00394	.00104	.00000772
19.2		CARB 430	58.4	ppb	.000145	.000118	.000000632
12.2		CARB 430	35	ppb	<< .00061	<< .0000709	<< .0000006
6.6		CARB 430	5	ppb	<< .00000883	<< .0000116	NR
15.2		CARB 430	284	ppb	.0011	.000988	.00000313
23		CARB 430	68.7	ppb	.00025	.000111	.00000109
16		CARB 430	3520	ppb	.00506	.0125	.0000302
12.1		CARB 430	107	ppb	< .00204	< .000155	< .0000016
17		CARB 430	133	ppb	.000748	.000177	.0000012
6.4		CARB 430	213	ppb	.000212	.00061	NR
12.5		CARB 430	35	ppb	<< .000643	<< .0000497	<< .000000507
12.6		CARB 430	160	ppb	.00273	.000246	.00000215
18		CARB 430	17.8	ppb	.0000495	.0000997	.000000061
12.3		CARB 430	307	ppb	.0047	.000433	.00000617

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-3.4.1	FTIR	1600	ppb	NR	.00405	NR
	CSU-3.9.2	FTIR	130	ppb	NR	<< .000329	NR
	CSU-3.3.1	FTIR	1400	ppb	NR	.00355	NR
	CSU-3.14.1	FTIR	1400	ppb	NR	.00355	NR
	CSU-3.10.1	FTIR	1600	ppb	NR	.00405	NR
	CSU-3.11.1	FTIR	1400	ppb	NR	.00355	NR
	CSU-3.11.2	FTIR	130	ppb	NR	<< .000329	NR
	CSU-3.2.1	FTIR	930	ppb	NR	.00236	NR
	CSU-3.3.2	FTIR	125	ppb	NR	<< .000317	NR
	CSU-3.9.1	FTIR	1300	ppb	NR	.00329	NR
	CSU-3.1.2	FTIR	580	ppb	NR	.00147	NR
	CSU-3.14.2	FTIR	135	ppb	NR	<< .000342	NR
	CSU-3.12.2	FTIR	130	ppb	NR	<< .000329	NR
	CSU-3.4.2	FTIR	120	ppb	NR	<< .000304	NR
	CSU-3.1.1	FTIR	1500	ppb	NR	.0038	NR
	CSU-3.13.2	FTIR	135	ppb	NR	<< .000342	NR
	CSU-3.10.2	FTIR	130	ppb	NR	<< .000329	NR
	CSU-3.13.1	FTIR	1600	ppb	NR	.00405	NR
	CSU-3.2.2	FTIR	135	ppb	NR	<< .000342	NR
	CSU-3.12.1	FTIR	1600	ppb	NR	.00405	NR
			Maximum:		**.148**	**.0313**	**.0000925**
			Average:		**.00705**	**.00202**	**.00000826**
Hexane							
	CSU-3.3.2	Alternate Method 17/	25	ppb	NR	<< .0000988	NR
	CSU-3.4.2	Alternate Method 17/	25	ppb	NR	<< .0000934	NR
	CSU-3.4.1	Alternate Method 17/	75	ppb	NR	<< .00028	NR
	CSU-3.3.1	Alternate Method 17/	75	ppb	NR	<< .000298	NR
	CSU-3.9.1	Alternate Method 17/	75	ppb	NR	<< .000327	NR
	CSU-3.12.2	Alternate Method 17/	25	ppb	NR	<< .000105	NR
	CSU-3.11.2	Alternate Method 17/	25	ppb	NR	<< .000105	NR
	CSU-3.2.1	Alternate Method 17/	75	ppb	NR	<< .000328	NR

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-3.1.2	Alternate Method 17/	25	ppb	NR	<< .000104	NR
	CSU-3.13.1	Alternate Method 17/	75	ppb	NR	<< .000312	NR
	CSU-3.12.1	Alternate Method 17/	75	ppb	NR	<< .000312	NR
	CSU-3.13.2	Alternate Method 17/	25	ppb	NR	<< .000106	NR
	CSU-3.14.1	Alternate Method 17/	75	ppb	NR	<< .000307	NR
	CSU-3.10.2	Alternate Method 17/	25	ppb	NR	<< .000105	NR
	CSU-3.1.1	Alternate Method 17/	75	ppb	NR	<< .000306	NR
	CSU-3.10.1	Alternate Method 17/	75	ppb	NR	<< .000315	NR
	CSU-3.14.2	Alternate Method 17/	25	ppb	NR	<< .000105	NR
	CSU-3.2.2	Alternate Method 17/	25	ppb	NR	<< .000111	NR
	CSU-3.9.2	Alternate Method 17/	25	ppb	NR	<< .000108	NR
	CSU-3.11.1	Alternate Method 17/	75	ppb	NR	<< .000312	NR
				Maximum:	**NR**	**.000328**	**NR**
				Average:	**NR**	**.000207**	**NR**
Lead							
	12.1	NR	3.69	ug/dscm	.0000553	.00000438	.000000043
	12.1	CARB 12	8.78	ug/dscm	.000129	.0000109	.000000102
	12.4	NR	9.53	ug/dscm	.000129	.0000137	.000000127
	12.6	NR	4.6	ug/dscm	.0000622	.00000561	.000000049
	12.7	NR	11.5	ug	NR	NR	NR
				Maximum:	**.000129**	**.0000137**	**.000000127**
				Average:	**.0000939**	**.00000865**	**.0000000804**
m/p-Xylene							
	CSU-3.13.1	Alternate Method 17/	15	ppb	NR	<< .0000769	NR
	CSU-3.12.2	Alternate Method 17/	15	ppb	NR	<< .0000777	NR
	CSU-3.13.2	Alternate Method 17/	15	ppb	NR	<< .0000784	NR
	CSU-3.3.2	Alternate Method 17/	15	ppb	NR	<< .0000731	NR
	CSU-3.3.1	Alternate Method 17/	15	ppb	NR	<< .0000734	NR
	CSU-3.14.1	Alternate Method 17/	15	ppb	NR	<< .0000757	NR
	CSU-3.14.2	Alternate Method 17/	15	ppb	NR	<< .0000773	NR
	CSU-3.1.1	Alternate Method 17/	15	ppb	NR	<< .0000755	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-3.10.2	Alternate Method 17/ 15		ppb	NR	<< .0000777	NR
	CSU-3.9.1	Alternate Method 17/ 15		ppb	NR	<< .0000805	NR
	CSU-3.9.2	Alternate Method 17/ 15		ppb	NR	<< .00008	NR
	CSU-3.10.1	Alternate Method 17/ 15		ppb	NR	<< .0000777	NR
	CSU-3.12.1	Alternate Method 17/ 15		ppb	NR	<< .0000769	NR
	CSU-3.2.1	Alternate Method 17/ 15		ppb	NR	<< .0000809	NR
	CSU-3.4.1	Alternate Method 17/ 15		ppb	NR	<< .0000689	NR
	CSU-3.11.1	Alternate Method 17/ 15		ppb	NR	<< .0000769	NR
	CSU-3.11.2	Alternate Method 17/ 15		ppb	NR	<< .0000776	NR
	CSU-3.1.2	Alternate Method 17/ 15		ppb	NR	<< .0000769	NR
	CSU-3.2.2	Alternate Method 17/ 15		ppb	NR	<< .0000819	NR
	CSU-3.4.2	Alternate Method 17/ 15		ppb	NR	<< .0000691	NR
				Maximum:	**NR**	**.0000819**	**NR**
				Average:	**NR**	**.0000766**	**NR**
Manganese							
	12.4	NR	33.9	ug/dscm	.000452	.000053	.000000445
	12.1	NR	11.4	ug/dscm	.000171	.0000133	.000000135
	12.7	NR	48.8	ug	NR	NR	NR
	12.6	NR	16.5	ug/dscm	.000222	.0000197	.000000174
				Maximum:	**.000452**	**.000053**	**.000000445**
				Average:	**.000282**	**.0000287**	**.000000251**
Mercury							
	12.1	NR	.816	ug/dscm	.0000122	.00000095	.000000009
	12.6	NR	.285	ug/dscm	.00000386	.000000344	.000000003
	12.4	NR	2.64	ug/dscm	.0000353	.00000448	.000000034
	12.7	NR	1.73	ug	NR	NR	NR
				Maximum:	**.0000353**	**.00000448**	**.0000000347**
				Average:	**.0000171**	**.00000192**	**.0000000158**
n-Hexane							
	5	CARB 410A	1.35	ppb	<< .0000197	<< .0000052	<< .000000038

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
16		CARB 422	18.3	ppb	.0000759	.00019	.000000453
				Maximum:	**.0000759**	**.00019**	**.000000453**
				Average:	**.0000478**	**.0000976**	**.000000246**
Naphthalene							
9		CARB 429	4.46	ug/dscf	.00352	.000745	.0000022
6.6		CARB 429	35.4	ppb	.000267	.000351	NR
17		CARB 429	2.9	ppb	.0000697	.0000164	.000000111
8.1		CARB 429	30	ppb	.000584	.000179	.000000859
28.3		SASS/GC/MS	220	ug/dscm	NR	NR	NR
18		CARB 429	12.9	ppb	.000153	.000309	.000000191
28.2		SASS/GC/MS	58	ug/dscm	NR	NR	NR
5		CARB 429	35.2	ppb	.000765	.000202	.0000015
30		CARB 429	2.5	ug/dscf	.0026	.00055	.00000163
6.2		CARB 429	51.9	ppb	.000574	.000814	NR
6.4		CARB 429	184	ppb	.000766	.00256	NR
6.3		CARB 429	45	ppb	.0000829	.00052	NR
19.1		CARB 429	69.4	ppb	.000708	.00103	.00000308
23		CARB 429	15.8	ppb	.000223	.000106	.000000973
6.5		CARB 429	2090	ppb	.0115	.0224	NR
6.1		CARB 429	30.2	ppb	.000213	.000367	NR
8.2		CARB 429	12	ppb	.000278	.0000715	.000000328
28.1		SASS/GC/MS	170	ug/dscm	NR	NR	NR
15.2		Modified CARB 429	7.87	ppb	.00013	.000117	.000000371
15.1		Modified CARB 429	21.9	ppb	.000508	.00013	.000000598
12.5		CARB 429	62.6	ppb	.00491	.000379	.00000387
13		CARB 429	NR	ppb	NR	NR	NR
16		CARB 429	12.1	ppb	.0000745	.000185	.000000444
12.3		CARB 429	48.4	ppb	.00321	.000292	.00000422
12.2		CARB 429	41	ppb	.00305	.000356	.000003
12.7		CARB 429	37.1	ppb	.00299	.000242	.00000236
1.1		CARB 429	5.98	ppb	.0000898	.0000532	.000000257

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
12.1		CARB 429	47.1	ppb	.00374	.000294	.00000295
				Maximum:	**.0115**	**.0224**	**.00000422**
				Average:	**.00171**	**.00134**	**.00000161**
Nickel							
12.1		NR	3.19	ug/dscm	< .0000476	< .0000038	< .000000037
12.4		NR	4.13	ug/dscm	< .0000552	< .00000674	< .000000054
12.6		NR	3.92	ug/dscm	.0000532	.00000482	.000000041
12.7		NR	8.9	ug	NR	NR	NR
				Maximum:	**.0000552**	**.00000674**	**.0000000543**
				Average:	**.000052**	**.00000512**	**.0000000446**
o-Xylene							
CSU-3.1.1		Alternate Method 17/	15	ppb	NR	<< .0000755	NR
CSU-3.2.1		Alternate Method 17/	15	ppb	NR	<< .0000809	NR
CSU-3.2.2		Alternate Method 17/	15	ppb	NR	<< .0000819	NR
CSU-3.1.2		Alternate Method 17/	15	ppb	NR	<< .0000769	NR
CSU-3.14.2		Alternate Method 17/	15	ppb	NR	<< .0000773	NR
CSU-3.4.2		Alternate Method 17/	15	ppb	NR	<< .0000691	NR
CSU-3.10.1		Alternate Method 17/	15	ppb	NR	<< .0000777	NR
CSU-3.11.1		Alternate Method 17/	15	ppb	NR	<< .0000769	NR
CSU-3.9.2		Alternate Method 17/	15	ppb	NR	<< .00008	NR
CSU-3.11.2		Alternate Method 17/	15	ppb	NR	<< .0000776	NR
CSU-3.9.1		Alternate Method 17/	15	ppb	NR	<< .0000805	NR
CSU-3.10.2		Alternate Method 17/	15	ppb	NR	<< .0000777	NR
CSU-3.12.2		Alternate Method 17/	15	ppb	NR	<< .0000777	NR
CSU-3.12.1		Alternate Method 17/	15	ppb	NR	<< .0000769	NR
CSU-3.13.1		Alternate Method 17/	15	ppb	NR	<< .0000769	NR
CSU-3.4.1		Alternate Method 17/	15	ppb	NR	<< .0000689	NR
CSU-3.13.2		Alternate Method 17/	15	ppb	NR	<< .0000784	NR
CSU-3.3.2		Alternate Method 17/	15	ppb	NR	<< .0000731	NR
CSU-3.14.1		Alternate Method 17/	15	ppb	NR	<< .0000757	NR
CSU-3.3.1		Alternate Method 17/	15	ppb	NR	<< .0000734	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
				Maximum:	**NR**	**.0000819**	**NR**
				Average:	**NR**	**.0000766**	**NR**
PAH							
5		CARB 429	255	ug/dscm	.00104	.000275	.00000205
6.1		CARB 429	413	ug/dscm	.000547	.000943	NR
12.5		CARB 429	968	ug/dscm	.0142	.0011	.0000112
6.3		CARB 429	475	ug/dscm	.000164	.00103	NR
13		CARB 429	1.41	ug/dscm	.0000345	.00000194	.000000007
16		CARB 429	218	ug/dscm	.000248	.000614	.00000148
8.1		CARB 429	240	ug/dscm	.000878	.000269	.00000129
12.7		CARB 429	1010	ug/dscm	.0153	.00124	.0000121
12.1		CARB 429	1080	ug/dscm	.0163	.00126	.0000129
6.4		CARB 429	1580	ug/dscm	.00123	.00414	NR
17		CARB 429	21	ug/dscm	.0000948	.0000222	.000000152
30		CARB 429	5.62	ug/dscf	.00585	.00125	.00000366
18		CARB 429	95.7	ug/dscm	.000213	.000429	.000000266
15.2		Modified CARB 429	57.7	ug/dscm	.000179	.00016	.000000511
19.1		CARB 429	504	ug/dscm	.000967	.00139	.00000421
6.6		CARB 429	369	ug/dscm	.000523	.000686	NR
9		CARB 429	320	ug/dscm	.00715	.00151	.00000447
8.2		CARB 429	93.5	ug/dscm	.000408	.000105	.00000048
15.1		Modified CARB 429	190	ug/dscm	.000829	.000212	.000000976
1.1		CARB 429	106	ug/dscm	.000295	.000175	.000000843
6.5		CARB 429	21700	ug/dscm	.0225	.0438	NR
12.3		CARB 429	1230	ug/dscm	.0154	.0014	.0000202
6.2		CARB 429	509	ug/dscm	.00106	.0015	NR
23		CARB 429	110	ug/dscm	.000291	.000138	.00000126
12.2		CARB 429	1070	ug/dscm	.015	.00176	.0000148
				Maximum:	**.0225**	**.0438**	**.0000202**
				Average:	**.00483**	**.00262**	**.00000489**
POMs							

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
28.1		SASS/GC/MS	2550	ug/dscm	NR	NR	NR
28.2		SASS/GC/MS	1750	ug/dscm	NR	NR	NR
28.3		SASS/GC/MS	2880	ug/dscm	NR	NR	NR
				Maximum:	**NR**	**NR**	**NR**
				Average:	**NR**	**#Num!**	**NR**
Selenium							
12.4		NR	2	ug/dscm	<< .0000268	<< .00000313	<< .000000026
12.6		NR	1.5	ug/dscm	<< .0000203	<< .00000184	<< .000000016
12.1		NR	2	ug/dscm	<< .0000298	<< .00000237	<< .000000023
12.7		NR	4	ug	NR	NR	NR
				Maximum:	**.0000298**	**.00000313**	**.0000000264**
				Average:	**.0000256**	**.00000245**	**.000000022**
Styrene							
CSU-3.1.1		Alternate Method 17/	100	ppb	NR	<< .000494	NR
CSU-3.13.2		Alternate Method 17/	25	ppb	NR	<< .000128	NR
CSU-3.12.2		Alternate Method 17/	25	ppb	NR	<< .000127	NR
CSU-3.12.1		Alternate Method 17/	100	ppb	NR	<< .000503	NR
CSU-3.14.1		Alternate Method 17/	100	ppb	NR	<< .000495	NR
CSU-3.1.2		Alternate Method 17/	25	ppb	NR	<< .000126	NR
CSU-3.11.2		Alternate Method 17/	25	ppb	NR	<< .000127	NR
CSU-3.14.2		Alternate Method 17/	25	ppb	NR	<< .000126	NR
CSU-3.11.1		Alternate Method 17/	100	ppb	NR	<< .000503	NR
CSU-3.13.1		Alternate Method 17/	100	ppb	NR	<< .000503	NR
CSU-3.10.2		Alternate Method 17/	25	ppb	NR	<< .000127	NR
CSU-3.4.2		Alternate Method 17/	25	ppb	NR	<< .000113	NR
CSU-3.9.1		Alternate Method 17/	100	ppb	NR	<< .000527	NR
CSU-3.4.1		Alternate Method 17/	100	ppb	NR	<< .000451	NR
CSU-3.2.2		Alternate Method 17/	25	ppb	NR	<< .000134	NR
CSU-3.9.2		Alternate Method 17/	25	ppb	NR	<< .000131	NR
CSU-3.3.2		Alternate Method 17/	25	ppb	NR	<< .00012	NR
CSU-3.10.1		Alternate Method 17/	100	ppb	NR	<< .000508	NR

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-3.2.1	Alternate Method 17/	100	ppb	NR	<< .000529	NR
	CSU-3.3.1	Alternate Method 17/	100	ppb	NR	<< .00048	NR
				Maximum:	**NR**	**.000529**	**NR**
				Average:	**NR**	**.000313**	**NR**
Toluene							
	16	CARB 422	105	ppb	.000462	.00114	.00000276
	15.2	CARB 410A	50	ppb	.000593	.000533	.00000169
	8.3	CARB 410A	65.7	ppb	.0011	.000281	.00000129
	12.1	CARB 0030	316	ppb	.0183	.00143	.0000144
	5	CARB 410A	147	ppb	.00229	.000604	.00000449
	15.1	CARB 410A	63.7	ppb	.00106	.000272	.00000125
	1.1	CARB 410A	39.7	ppb	.00048	.000263	.00000137
	CSU-3.14.1	Alternate Method 17/	140	ppb	NR	.000613	NR
	CSU-3.12.2	Alternate Method 17/	7.5	ppb	NR	<< .0000337	NR
	CSU-3.4.1	Alternate Method 17/	140	ppb	NR	.000558	NR
	CSU-3.14.2	Alternate Method 17/	7.5	ppb	NR	<< .0000335	NR
	CSU-3.4.2	Alternate Method 17/	7.5	ppb	NR	<< .00003	NR
	CSU-3.13.2	Alternate Method 17/	7.5	ppb	NR	<< .000034	NR
	CSU-3.3.2	Alternate Method 17/	7.5	ppb	NR	<< .0000317	NR
	CSU-3.1.1	Alternate Method 17/	143	ppb	NR	.000624	NR
	CSU-3.11.1	Alternate Method 17/	140	ppb	NR	.000623	NR
	CSU-3.3.1	Alternate Method 17/	7.5	ppb	NR	<< .0000319	NR
	CSU-3.13.1	Alternate Method 17/	140	ppb	NR	.000623	NR
	CSU-3.10.2	Alternate Method 17/	5	ppb	NR	.0000225	NR
	CSU-3.11.2	Alternate Method 17/	7.5	ppb	NR	<< .0000337	NR
	CSU-3.2.1	Alternate Method 17/	125	ppb	NR	.000585	NR
	CSU-3.10.1	Alternate Method 17/	143	ppb	NR	.000643	NR
	CSU-3.12.1	Alternate Method 17/	140	ppb	NR	.000623	NR
	CSU-3.1.2	Alternate Method 17/	7.5	ppb	NR	<< .0000334	NR
	CSU-3.2.2	Alternate Method 17/	7.5	ppb	NR	<< .0000355	NR
	CSU-3.9.2	Alternate Method 17/	7.5	ppb	NR	<< .0000347	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-3.9.1	Alternate Method 17/	130	ppb	NR	.000606	NR
				Maximum:	**.0183**	**.00143**	**.0000144**
				Average:	**.00347**	**.000384**	**.00000389**
Xylene							
	5	CARB 410A	22.7	ppb	.000407	.000107	.000000797
	1.1	CARB 410A	40.7	ppb	.000567	.000311	.00000162
	15.2	CARB 410A	21	ppb	.000287	.000258	.000000816
	12.1	CARB 0030	288	ppb	.0192	.0015	.0000151
	8.3	CARB 410A	14.3	ppb	< .000275	< .0000707	< .000000323
	16	CARB 422	27.7	ppb	.000141	.000348	.000000839
	15.1	CARB 410A	39.7	ppb	.000763	.000195	.000000897
				Maximum:	**.0192**	**.0015**	**.0000151**
				Average:	**.00309**	**.000399**	**.00000291**
Digester Gas							
1,1,1-Trichloroethane							
	2.14	CARB 422	1.85	ppb	<< .0000347	<< .00000572	<< .000000108
	2.13	CARB 422	1.85	ppb	<< .0000352	<< .00000561	<< .000000138
	2.4	CARB 422	1.85	ppb	<< .0000559	<< .0000075	<< .000000050
	2.17	CARB 422	1.85	ppb	<< .000023	<< .00000598	<< .000000144
	2.8	CARB 422	1.85	ppb	<< .0000241	<< .0000115	<< .000000045
	2.1	CARB 422	1.85	ppb	<< .00013	<< .0000148	<< .000000086
	2.16	CARB 422	1.85	ppb	<< .0000237	<< .00000598	<< .000000174
	2.2	CARB 422	1.85	ppb	<< .0000559	<< .0000075	<< .000000059
	2.9	CARB 422	1.85	ppb	<< .0000324	<< .0000115	<< .000000108
	2.7	CARB 422	1.85	ppb	<< .0000179	<< .0000115	<< .000000034
	2.12	CARB 422	1.85	ppb	<< .000035	<< .00000561	<< .000000156
	2.11	CARB 422	1.85	ppb	<< .0000324	<< .0000115	<< .000000108
	2.6	CARB 422	1.85	ppb	<< .0000512	<< .0000075	<< .000000061
	2.10	CARB 422	1.85	ppb	<< .0000324	<< .0000115	<< .000000108
	2.15	CARB 422	1.85	ppb	<< .000026	<< .00000598	<< .000000232

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
2.3		CARB 422	1.85	ppb	<< .0000559	<< .0000075	<< .000000056
2.5		CARB 422	1.85	ppb	<< .0000373	<< .0000075	<< .000000045
				Maximum:	**.00013**	**.0000148**	**.000000232**
				Average:	**.0000414**	**.00000851**	**.000000101**
1,3-Butadiene							
2.3		CARB 422	12.5	ppb	<< .000153	<< .0000205	<< .000000155
2.2		CARB 422	12.5	ppb	<< .000153	<< .0000205	<< .000000164
2.14		CARB 422	12.5	ppb	<< .0000949	<< .0000156	<< .000000297
2.4		CARB 422	12.5	ppb	<< .000153	<< .0000205	<< .000000139
2.17		CARB 422	12.5	ppb	<< .0000628	<< .0000163	<< .000000392
2.11		CARB 422	12.5	ppb	<< .0000884	<< .0000314	<< .000000295
2.16		CARB 422	12.5	ppb	<< .0000649	<< .0000163	<< .000000477
2.6		CARB 422	12.5	ppb	<< .00014	<< .0000205	<< .000000169
2.12		CARB 422	12.5	ppb	<< .0000957	<< .0000153	<< .000000427
2.13		CARB 422	12.5	ppb	<< .0000961	<< .0000153	<< .000000375
2.15		CARB 422	12.5	ppb	<< .0000711	<< .0000163	<< .000000635
2.7		CARB 422	12.5	ppb	<< .0000489	<< .0000314	<< .000000093
2.8		CARB 422	12.5	ppb	<< .0000659	<< .0000314	<< .000000126
2.1		CARB 422	12.5	ppb	<< .000355	<< .0000405	<< .000000237
2.9		CARB 422	12.5	ppb	<< .0000884	<< .0000314	<< .000000295
2.5		CARB 422	12.5	ppb	<< .000102	<< .0000205	<< .000000123
2.10		CARB 422	12.5	ppb	<< .0000884	<< .0000314	<< .000000295
				Maximum:	**.000355**	**.0000405**	**.000000635**
				Average:	**.000113**	**.0000232**	**.000000276**
1,4-Dioxane							
2.6		CARB 422	2.75	ppb	<< .0000502	<< .00000735	<< .000000060
2.8		CARB 422	2.75	ppb	<< .0000236	<< .0000113	<< .000000045
2.2		CARB 422	2.75	ppb	<< .0000548	<< .00000735	<< .000000058
2.3		CARB 422	2.75	ppb	<< .0000548	<< .00000735	<< .000000055
2.15		CARB 422	2.75	ppb	<< .0000255	<< .00000586	<< .000000228
2.1		CARB 422	2.75	ppb	<< .000127	<< .0000145	<< .000000084

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	2.11	CARB 422	2.75	ppb	<< .0000317	<< .0000113	<< .000000106
	2.7	CARB 422	2.75	ppb	<< .0000175	<< .0000113	<< .000000033
	2.9	CARB 422	2.75	ppb	<< .0000317	<< .0000113	<< .000000106
	2.16	CARB 422	2.75	ppb	<< .0000233	<< .00000586	<< .000000171
	2.13	CARB 422	2.75	ppb	<< .0000344	<< .00000549	<< .000000134
	2.17	CARB 422	2.75	ppb	<< .0000225	<< .00000586	<< .000000141
	2.12	CARB 422	2.75	ppb	<< .0000343	<< .00000549	<< .000000153
	2.10	CARB 422	2.75	ppb	<< .0000317	<< .0000113	<< .000000106
	2.5	CARB 422	2.75	ppb	<< .0000366	<< .00000735	<< .000000044
	2.4	CARB 422	2.75	ppb	<< .0000548	<< .00000735	<< .000000049
	2.14	CARB 422	2.75	ppb	<< .000034	<< .0000056	<< .000000106
				Maximum:	**.000127**	**.0000145**	**.000000228**
				Average:	**.0000405**	**.00000835**	**.000000099**
Acetaldehyde							
	2.3	EPA TO-11	15.6	ppb	.000155	.0000208	.000000157
	2.13	EPA TO-11	24.4	ppb	.000153	.0000244	.000000596
	2.1	EPA TO-11	2.95	ppb	< .0000685	< .0000078	< .000000045
	2.12	EPA TO-11	29.8	ppb	.000186	.0000298	.000000833
	2.15	EPA TO-11	1.65	ppb	< .00000764	< .00000175	< .000000068
	2.7	EPA TO-11	26.8	ppb	.0000856	.000055	.000000163
	2.6	EPA TO-11	15.8	ppb	.000144	.0000212	.000000174
	2.11	EPA TO-11	.05	ug	NR	NR	NR
	2.17	EPA TO-11	61.4	ppb	.000252	.0000654	.00000157
	2.9	EPA TO-11	4.5	ppb	.000026	.00000923	.000000086
	2.8	EPA TO-11	50.5	ppb	.000217	.000104	.000000414
	2.16	EPA TO-11	27	ppb	.000114	.0000288	.000000841
	2.2	EPA TO-11	19.2	ppb	.000191	.0000256	.000000204
	2.10	EPA TO-11	.05	ug	NR	NR	NR
	2.5	EPA TO-11	1.2	ppb	< .000008	< .0000016	< .000000009
	2.4	EPA TO-11	11.3	ppb	.000112	.0000151	.000000102
	2.14	EPA TO-11	71.4	ppb	.000441	.0000728	.00000138

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
				Maximum:	**.000441**	**.000104**	**.00000157**
				Average:	**.000144**	**.0000322**	**.000000443**
Acrolein							
	2.8	EPA TO-11	9.1	ppb	< .0000498	< .0000237	< .000000095
	2.10	EPA TO-11	.05	ug	NR	NR	NR
	2.7	EPA TO-11	.85	ppb	< .00000345	< .00000222	< .000000006
	2.16	EPA TO-11	.2	ppb	<< .00000108	<< .000000271	<< .000000007
	2.17	EPA TO-11	14.8	ppb	.0000775	.0000201	.000000485
	2.5	EPA TO-11	.05	ug	NR	NR	NR
	2.13	EPA TO-11	9.65	ppb	.000077	.0000123	.0000003
	2.12	EPA TO-11	16.8	ppb	.000133	.0000213	.000000593
	2.3	EPA TO-11	3.3	ppb	< .0000418	< .00000558	< .000000042
	2.4	EPA TO-11	3.8	ppb	.0000482	.00000646	.000000043
	2.9	EPA TO-11	.05	ug	NR	NR	NR
	2.11	EPA TO-11	.05	ug	NR	NR	NR
	2.1	EPA TO-11	.2	ppb	<< .00000589	<< .000000673	<< .000000003
	2.2	EPA TO-11	5	ppb	.0000634	.00000849	.000000067
	2.6	EPA TO-11	.05	ug	NR	NR	NR
	2.15	EPA TO-11	.925	ppb	< .00000544	< .00000125	< .000000048
	2.14	EPA TO-11	15.6	ppb	.000124	.0000203	.000000386
				Maximum:	**.000133**	**.0000237**	**.000000593**
				Average:	**.0000525**	**.0000102**	**.000000173**
Benzene							
	2.3	CARB 422	6.12	ppb	< .000108	< .0000145	< .00000011
	2.6	CARB 422	24	ppb	.000388	.0000568	.00000047
	2.5	CARB 422	115	ppb	.00136	.000272	.00000164
	2.7	CARB 422	545	ppb	.00308	.00198	.00000588
	2.9	CARB 422	340	ppb	.00347	.00123	.0000116
	2.8	CARB 422	780	ppb	.00595	.00283	.0000114
	2.4	CARB 422	3.15	ppb	<< .0000556	<< .00000746	<< .000000050
	2.2	CARB 422	7.08	ppb	< .000125	< .0000167	< .000000133

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	2.1	CARB 422	190	ppb	.0078	.00089	.0000052
	2.15	CARB 422	295	ppb	.00242	.000556	.0000217
	2.14	CARB 422	119	ppb	.00131	.000215	.00000409
	2.16	CARB 422	335	ppb	.00251	.000632	.0000185
	2.12	CARB 422	90	ppb	.000993	.00016	.00000443
	2.17	CARB 422	330	ppb	.0024	.000623	.000015
	2.10	CARB 422	375	ppb	.00383	.00136	.0000128
	2.13	CARB 422	106	ppb	.00117	.000186	.00000458
	2.11	CARB 422	108	ppb	.00111	.000393	.0000037
				Maximum:	**.0078**	**.00283**	**.0000217**
				Average:	**.00224**	**.000672**	**.00000713**
Carbon tetrachloride							
	2.5	CARB 422	.8	ppb	<< .0000186	<< .00000374	<< .000000022
	2.16	CARB 422	.8	ppb	<< .0000118	<< .00000298	<< .000000086
	2.13	CARB 422	.8	ppb	<< .0000175	<< .0000028	<< .000000068
	2.8	CARB 422	.8	ppb	<< .000012	<< .00000573	<< .000000022
	2.15	CARB 422	.8	ppb	<< .000013	<< .00000298	<< .000000116
	2.12	CARB 422	.8	ppb	<< .0000175	<< .0000028	<< .000000078
	2.6	CARB 422	.8	ppb	<< .0000255	<< .00000374	<< .000000030
	2.1	CARB 422	.8	ppb	<< .0000648	<< .0000074	<< .000000043
	2.14	CARB 422	.8	ppb	<< .0000173	<< .00000285	<< .000000054
	2.7	CARB 422	.8	ppb	<< .00000893	<< .00000573	<< .000000017
	2.17	CARB 422	.8	ppb	<< .0000115	<< .00000298	<< .000000071
				Maximum:	**.0000648**	**.0000074**	**.000000116**
				Average:	**.0000199**	**.00000398**	**.0000000556**
Chloroform							
	2.11	CARB 422	2.05	ppb	<< .0000321	<< .0000114	<< .000000107
	2.12	CARB 422	2.05	ppb	<< .0000347	<< .00000556	<< .000000155
	2.13	CARB 422	2.05	ppb	<< .0000349	<< .00000556	<< .000000136
	2.10	CARB 422	2.05	ppb	<< .0000321	<< .0000114	<< .000000107
	2.7	CARB 422	2.05	ppb	<< .0000178	<< .0000114	<< .000000033

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
2.5		CARB 422	2.05	ppb	<< .000037	<< .00000744	<< .000000044
2.14		CARB 422	2.05	ppb	<< .0000345	<< .00000567	<< .000000108
2.6		CARB 422	2.05	ppb	<< .0000508	<< .00000744	<< .000000061
2.15		CARB 422	2.05	ppb	<< .0000258	<< .00000593	<< .00000023
2.3		CARB 422	2.05	ppb	<< .0000555	<< .00000744	<< .000000056
2.4		CARB 422	2.05	ppb	<< .0000555	<< .00000744	<< .000000050
2.1		CARB 422	2.05	ppb	<< .000129	<< .0000147	<< .000000086
2.2		CARB 422	2.05	ppb	<< .0000555	<< .00000744	<< .000000059
2.9		CARB 422	2.05	ppb	<< .0000321	<< .0000114	<< .000000107
2.17		CARB 422	2.05	ppb	<< .0000228	<< .00000593	<< .000000142
2.16		CARB 422	2.05	ppb	<< .0000236	<< .00000593	<< .000000174
2.8		CARB 422	2.05	ppb	<< .0000239	<< .0000114	<< .000000045
				Maximum:	**.000129**	**.0000147**	**.00000023**
				Average:	**.000041**	**.00000844**	**.0000001**
Dichlorobenzene							
2.7		CARB 422	6.35	ppb	.0000677	.0000434	.000000129
2.8		CARB 422	1.65	ppb	<< .0000237	<< .0000113	<< .000000045
2.2		CARB 422	1.65	ppb	<< .0000549	<< .00000736	<< .000000058
2.13		CARB 422	1.58	ppb	< .000033	< .00000526	< .000000129
2.9		CARB 422	1.65	ppb	<< .0000318	<< .0000113	<< .000000106
2.16		CARB 422	6.32	ppb	< .0000892	< .0000225	< .000000656
2.4		CARB 422	1.65	ppb	<< .0000549	<< .00000736	<< .000000049
2.14		CARB 422	1.65	ppb	<< .0000341	<< .00000561	<< .000000107
2.12		CARB 422	3.55	ppb	.000074	.0000118	.00000033
2.1		CARB 422	1.8	ppb	.00014	.0000159	.000000093
2.3		CARB 422	1.65	ppb	<< .0000549	<< .00000736	<< .000000055
2.5		CARB 422	3.8	ppb	.0000846	.000017	.000000102
2.15		CARB 422	11.8	ppb	< .000183	< .0000421	< .00000163
2.17		CARB 422	4.32	ppb	< .0000592	< .0000154	< .00000037
2.10		CARB 422	1.65	ppb	<< .0000318	<< .0000113	<< .000000106
2.11		CARB 422	1.65	ppb	<< .0000318	<< .0000113	<< .000000106

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
2.6		CARB 422	16	ppb	.000488	.0000714	.00000059
				Maximum:	**.000488**	**.0000714**	**.00000163**
				Average:	**.0000904**	**.0000187**	**.000000274**
Ethylene dibromide							
2.6		CARB 422	.65	ppb	<< .0000251	<< .00000367	<< .000000030
2.7		CARB 422	.65	ppb	<< .00000876	<< .00000562	<< .000000016
2.5		CARB 422	.65	ppb	<< .0000183	<< .00000367	<< .000000022
2.17		CARB 422	.65	ppb	<< .0000112	<< .00000293	<< .00000007
2.12		CARB 422	.65	ppb	<< .0000171	<< .00000274	<< .000000076
2.2		CARB 422	.8	ppb	<< .0000337	<< .00000452	<< .000000036
2.16		CARB 422	.65	ppb	<< .0000116	<< .00000293	<< .000000085
2.1		CARB 422	.65	ppb	<< .0000636	<< .00000726	<< .000000042
2.13		CARB 422	.65	ppb	<< .0000172	<< .00000274	<< .000000067
2.3		CARB 422	.65	ppb	<< .0000274	<< .00000367	<< .000000027
2.4		CARB 422	.65	ppb	<< .0000274	<< .00000367	<< .000000024
2.15		CARB 422	.65	ppb	<< .0000127	<< .00000293	<< .000000113
2.8		CARB 422	.65	ppb	<< .0000118	<< .00000562	<< .000000022
2.14		CARB 422	.65	ppb	<< .000017	<< .0000028	<< .000000053
				Maximum:	**.0000636**	**.00000726**	**.000000113**
				Average:	**.0000216**	**.00000391**	**.0000000491**
Ethylene dichloride							
2.13		CARB 422	1.25	ppb	<< .0000173	<< .00000275	<< .000000067
2.5		CARB 422	1.25	ppb	<< .0000183	<< .00000368	<< .000000022
2.10		CARB 422	1.25	ppb	<< .0000159	<< .00000564	<< .000000053
2.9		CARB 422	1.25	ppb	<< .0000159	<< .00000564	<< .000000053
2.3		CARB 422	2.5	ppb	<< .0000549	<< .00000736	<< .000000055
2.16		CARB 422	1.25	ppb	<< .0000117	<< .00000293	<< .000000086
2.11		CARB 422	1.25	ppb	<< .0000159	<< .00000564	<< .000000053
2.8		CARB 422	1.25	ppb	<< .0000118	<< .00000564	<< .000000022
2.12		CARB 422	1.25	ppb	<< .0000172	<< .00000275	<< .000000076
2.6		CARB 422	1.25	ppb	<< .0000251	<< .00000368	<< .000000030

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
2.14		CARB 422	1.25	ppb	<< .0000171	<< .00000281	<< .000000053
2.2		CARB 422	2.5	ppb	<< .0000549	<< .00000736	<< .000000058
2.1		CARB 422	1.25	ppb	<< .0000638	<< .00000728	<< .000000042
2.4		CARB 422	2.5	ppb	<< .0000549	<< .00000736	<< .000000049
2.15		CARB 422	1.25	ppb	<< .0000128	<< .00000293	<< .000000114
2.7		CARB 422	1.25	ppb	<< .00000879	<< .00000564	<< .000000016
2.17		CARB 422	1.25	ppb	<< .0000113	<< .00000293	<< .000000070
				Maximum:	**.0000638**	**.00000736**	**.000000114**
				Average:	**.0000252**	**.00000482**	**.0000000545**
Formaldehyde							
2.6		EPA TO-11	1610	ppb	.01	.00147	.0000122
2.11		EPA TO-11	17.8	ppb	.0000698	.0000247	.000000232
2.5		EPA TO-11	1060	ppb	.00478	.000962	.00000578
2.8		EPA TO-11	1210	ppb	.00354	.00169	.00000676
2.16		EPA TO-11	1660	ppb	.00479	.0012	.0000353
2.3		EPA TO-11	26.2	ppb	< .000178	< .0000238	< .000000179
2.13		EPA TO-11	2290	ppb	.00976	.00156	.0000382
2.14		EPA TO-11	816	ppb	.00344	.000566	.0000108
2.2		EPA TO-11	49.4	ppb	.000336	.000045	.000000359
2.17		EPA TO-11	876	ppb	.00244	.000636	.0000152
2.1		EPA TO-11	994	ppb	.0157	.00179	.0000104
2.10		EPA TO-11	9.65	ppb	.0000379	.0000135	.000000126
2.7		EPA TO-11	1240	ppb	.00269	.00172	.00000512
2.15		EPA TO-11	2120	ppb	.00669	.00154	.0000597
2.9		EPA TO-11	2150	ppb	.00845	.003	.0000282
2.4		EPA TO-11	18.4	ppb	< .000125	< .0000167	< .000000114
2.12		EPA TO-11	2500	ppb	.0106	.0017	.0000476
				Maximum:	**.0157**	**.003**	**.0000597**
				Average:	**.00492**	**.00106**	**.0000163**
Methylene chloride							
2.6		CARB 422	24.5	ppb	.000432	.0000632	.000000522

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
2.8		CARB 422	37	ppb	.000308	.000146	.000000586
2.9		CARB 422	9.7	ppb	.000108	.0000383	.00000036
2.10		CARB 422	2.9	ppb	<< .0000323	<< .0000115	<< .000000108
2.1		CARB 422	20	ppb	.000894	.000102	.000000596
2.7		CARB 422	28	ppb	.000172	.00011	.000000328
2.13		CARB 422	34	ppb	.000411	.0000656	.0000016
2.15		CARB 422	24.5	ppb	.000219	.0000504	.00000196
2.3		CARB 422	5.95	ppb	< .000114	< .0000153	< .000000116
2.14		CARB 422	15.5	ppb	.000185	.0000304	.000000578
2.2		CARB 422	6.95	ppb	< .000134	< .0000179	< .000000143
2.4		CARB 422	50.5	ppb	.000974	.00013	.000000884
2.16		CARB 422	17	ppb	.000139	.000035	.00000102
2.12		CARB 422	30	ppb	.000361	.0000579	.00000162
2.5		CARB 422	18.5	ppb	.000238	.0000477	.000000287
2.17		CARB 422	24.5	ppb	.000194	.0000504	.00000121
2.11		CARB 422	2.9	ppb	<< .0000323	<< .0000115	<< .000000108
				Maximum:	**.000974**	**.000146**	**.00000196**
				Average:	**.000291**	**.0000578**	**.000000707**
Styrene							
2.14		CARB 422	5.55	ppb	.0000811	.0000134	.000000254
2.10		CARB 422	2.35	ppb	<< .000032	<< .0000114	<< .000000107
2.8		CARB 422	2.35	ppb	<< .0000239	<< .0000114	<< .000000045
2.7		CARB 422	10	ppb	.0000758	.0000486	.000000144
2.12		CARB 422	13	ppb	.000192	.0000307	.000000855
2.15		CARB 422	4.5	ppb	.0000493	.0000114	.00000044
2.9		CARB 422	2.35	ppb	<< .000032	<< .0000114	<< .000000107
2.13		CARB 422	15.5	ppb	.00023	.0000366	.000000898
2.2		CARB 422	2.35	ppb	<< .0000553	<< .00000742	<< .000000059
2.6		CARB 422	17.5	ppb	.000378	.0000552	.000000456
2.3		CARB 422	6.68	ppb	< .000157	< .0000211	< .000000159
2.11		CARB 422	2.35	ppb	<< .000032	<< .0000114	<< .000000107

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
2.4		CARB 422	2.35	ppb	<< .0000553	<< .00000742	<< .000000050
2.5		CARB 422	14	ppb	.00022	.0000442	.000000266
2.17		CARB 422	10.7	ppb	.000103	.000027	.000000646
2.16		CARB 422	7.25	ppb	.0000725	.0000182	.000000534
2.1		CARB 422	2.35	ppb	<< .000129	<< .0000147	<< .000000086
				Maximum:	**.000378**	**.0000552**	**.000000898**
				Average:	**.000113**	**.0000224**	**.000000307**
Tetrachloroethylene							
2.2		CARB 422	1.5	ppb	<< .0000564	<< .00000756	<< .000000060
2.1		CARB 422	1.5	ppb	<< .000131	<< .000015	<< .000000087
2.16		CARB 422	1.5	ppb	<< .0000239	<< .00000603	<< .000000176
2.17		CARB 422	1.5	ppb	<< .0000232	<< .00000603	<< .000000145
2.8		CARB 422	1.5	ppb	<< .0000243	<< .0000116	<< .000000046
2.15		CARB 422	1.5	ppb	<< .0000262	<< .00000603	<< .000000234
2.3		CARB 422	1.5	ppb	<< .0000564	<< .00000756	<< .000000057
2.9		CARB 422	1.5	ppb	<< .0000326	<< .0000116	<< .000000109
2.6		CARB 422	1.5	ppb	<< .0000516	<< .00000756	<< .000000062
2.14		CARB 422	1.5	ppb	<< .000035	<< .00000576	<< .000000109
2.4		CARB 422	1.5	ppb	<< .0000564	<< .00000756	<< .000000051
2.7		CARB 422	1.5	ppb	<< .0000181	<< .0000116	<< .000000034
2.13		CARB 422	1.5	ppb	<< .0000354	<< .00000565	<< .000000138
2.5		CARB 422	1.5	ppb	<< .0000376	<< .00000756	<< .000000045
2.12		CARB 422	1.5	ppb	<< .0000353	<< .00000565	<< .000000158
2.11		CARB 422	1.5	ppb	<< .0000326	<< .0000116	<< .000000109
2.10		CARB 422	1.5	ppb	<< .0000326	<< .0000116	<< .000000109
				Maximum:	**.000131**	**.000015**	**.000000234**
				Average:	**.0000417**	**.00000859**	**.000000102**
Toluene							
2.9		CARB 422	74	ppb	.000892	.000317	.00000297
2.10		CARB 422	83.5	ppb	.001	.000358	.00000334
2.5		CARB 422	305	ppb	.00424	.000852	.00000512

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
2.11		CARB 422	13	ppb	.000157	.0000556	.000000523
2.1		CARB 422	66.5	ppb	.00322	.000368	.00000214
2.13		CARB 422	36	ppb	.000471	.0000752	.00000184
2.14		CARB 422	34	ppb	.00044	.0000724	.00000138
2.15		CARB 422	140	ppb	.00136	.000312	.0000121
2.16		CARB 422	91	ppb	.000805	.000202	.00000592
2.12		CARB 422	75	ppb	.000978	.000156	.00000437
2.17		CARB 422	76.5	ppb	.000655	.00017	.0000041
2.6		CARB 422	90	ppb	.00172	.000251	.00000208
2.2		CARB 422	13.5	ppb	.000281	.0000377	.0000003
2.8		CARB 422	160	ppb	.00144	.000685	.00000274
2.4		CARB 422	4.38	ppb	< .0000911	< .0000122	< .000000082
2.3		CARB 422	17	ppb	.000354	.0000474	.000000358
2.7		CARB 422	290	ppb	.00193	.00124	.00000368
				Maximum:	**.00424**	**.00124**	**.0000121**
				Average:	**.00118**	**.000307**	**.00000312**
Trichloroethylene							
2.4		CARB 422	1.85	ppb	<< .0000551	<< .00000738	<< .000000050
2.10		CARB 422	1.85	ppb	<< .0000319	<< .0000113	<< .000000106
2.12		CARB 422	1.85	ppb	<< .0000345	<< .00000552	<< .000000154
2.13		CARB 422	1.85	ppb	<< .0000346	<< .00000552	<< .000000135
2.1		CARB 422	1.85	ppb	<< .000128	<< .0000146	<< .000000085
2.14		CARB 422	1.85	ppb	<< .0000342	<< .00000563	<< .000000107
2.8		CARB 422	1.85	ppb	<< .0000238	<< .0000113	<< .000000045
2.17		CARB 422	1.85	ppb	<< .0000226	<< .00000589	<< .000000141
2.15		CARB 422	1.85	ppb	<< .0000256	<< .00000589	<< .000000229
2.7		CARB 422	1.85	ppb	<< .0000176	<< .0000113	<< .000000033
2.6		CARB 422	1.85	ppb	<< .0000504	<< .00000738	<< .000000060
2.3		CARB 422	1.85	ppb	<< .0000551	<< .00000738	<< .000000055
2.11		CARB 422	1.85	ppb	<< .0000319	<< .0000113	<< .000000106
2.5		CARB 422	1.85	ppb	<< .0000367	<< .00000738	<< .000000044

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
2.9		CARB 422	1.85	ppb	<< .0000319	<< .0000113	<< .000000106
2.16		CARB 422	1.85	ppb	<< .0000234	<< .00000589	<< .000000172
2.2		CARB 422	1.85	ppb	<< .0000551	<< .00000738	<< .000000058
				Maximum:	**.000128**	**.0000146**	**.000000229**
				Average:	**.0000407**	**.00000837**	**.0000000994**
Vinyl chloride							
2.11		CARB 422	3.95	ppb	<< .0000323	<< .0000115	<< .000000108
2.2		CARB 422	3.95	ppb	<< .0000559	<< .00000749	<< .000000059
2.12		CARB 422	3.95	ppb	<< .000035	<< .0000056	<< .000000156
2.15		CARB 422	12.5	ppb	.0000823	.000019	.000000734
2.13		CARB 422	3.95	ppb	<< .0000351	<< .0000056	<< .000000137
2.4		CARB 422	3.95	ppb	<< .0000559	<< .00000749	<< .000000050
2.17		CARB 422	3.95	ppb	<< .000023	<< .00000598	<< .000000144
2.14		CARB 422	3.95	ppb	<< .0000347	<< .00000571	<< .000000108
2.16		CARB 422	3.95	ppb	<< .0000237	<< .00000598	<< .000000174
2.3		CARB 422	3.95	ppb	<< .0000559	<< .00000749	<< .000000056
2.6		CARB 422	3.95	ppb	<< .0000512	<< .00000749	<< .000000061
2.10		CARB 422	3.95	ppb	<< .0000323	<< .0000115	<< .000000108
2.8		CARB 422	3.95	ppb	<< .0000241	<< .0000115	<< .000000045
2.5		CARB 422	3.95	ppb	<< .0000373	<< .00000749	<< .000000045
2.7		CARB 422	3.95	ppb	<< .0000179	<< .0000115	<< .000000034
2.9		CARB 422	3.95	ppb	<< .0000323	<< .0000115	<< .000000108
2.1		CARB 422	3.95	ppb	<< .00013	<< .0000148	<< .000000086
				Maximum:	**.00013**	**.000019**	**.000000734**
				Average:	**.0000446**	**.00000927**	**.00000013**
Vinylidene chloride							
2.13		CARB 422	1.25	ppb	<< .0000173	<< .00000275	<< .000000067
2.9		CARB 422	1.25	ppb	<< .0000159	<< .00000564	<< .000000053
2.14		CARB 422	1.25	ppb	<< .0000171	<< .00000281	<< .000000053
2.7		CARB 422	1.25	ppb	<< .00000879	<< .00000564	<< .000000016
2.15		CARB 422	1.25	ppb	<< .0000128	<< .00000293	<< .000000114

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
2.3		CARB 422	2.55	ppb	<< .000056	<< .00000751	<< .000000056
2.6		CARB 422	1.25	ppb	<< .0000251	<< .00000368	<< .000000030
2.16		CARB 422	1.25	ppb	<< .0000117	<< .00000293	<< .000000086
2.17		CARB 422	1.25	ppb	<< .0000113	<< .00000293	<< .000000070
2.5		CARB 422	1.25	ppb	<< .0000183	<< .00000368	<< .000000022
2.2		CARB 422	2.55	ppb	<< .000056	<< .00000751	<< .000000059
2.11		CARB 422	1.25	ppb	<< .0000159	<< .00000564	<< .000000053
2.10		CARB 422	1.25	ppb	<< .0000159	<< .00000564	<< .000000053
2.8		CARB 422	1.25	ppb	<< .0000118	<< .00000564	<< .000000022
2.4		CARB 422	2.55	ppb	<< .000056	<< .00000751	<< .000000050
2.12		CARB 422	1.25	ppb	<< .0000172	<< .00000275	<< .000000076
2.1		CARB 422	1.25	ppb	<< .0000638	<< .00000728	<< .000000042
				Maximum:	**.0000638**	**.00000751**	**.000000114**
				Average:	**.0000253**	**.00000485**	**.0000000546**
Xylene							
2.14		CARB 422	12.3	ppb	.000184	.0000302	.000000574
2.1		CARB 422	21	ppb	.00117	.000134	.00000078
2.5		CARB 422	83	ppb	.00133	.000267	.0000016
2.8		CARB 422	14	ppb	.000145	.000069	.000000276
2.17		CARB 422	20	ppb	.000197	.0000513	.00000123
2.7		CARB 422	36	ppb	.000277	.000178	.000000528
2.13		CARB 422	14.5	ppb	.000218	.0000349	.000000854
2.9		CARB 422	5.15	ppb	.0000715	.0000254	.000000239
2.11		CARB 422	2.3	ppb	<< .0000319	<< .0000113	<< .000000106
2.3		CARB 422	15	ppb	.000361	.0000484	.000000364
2.6		CARB 422	26	ppb	.000572	.0000836	.000000691
2.2		CARB 422	5.6	ppb	.000135	.000018	.000000144
2.16		CARB 422	32.5	ppb	.000332	.0000833	.00000244
2.4		CARB 422	4.25	ppb	< .000102	< .0000136	< .000000092
2.15		CARB 422	83	ppb	.000927	.000213	.0000083
2.12		CARB 422	43	ppb	.000646	.000104	.00000288

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
2.10		CARB 422	6.65	ppb	.0000924	.0000328	.000000308
				Maximum:	**.00133**	**.000267**	**.0000083**
				Average:	**.0004**	**.0000822**	**.00000126**
Landfill Gas							
1,1,1-Trichloroethane							
24		NR	1.4	ppb	.000124	.00000666	.000000046
				Maximum:	**.000124**	**.00000666**	**.0000000468**
				Average:	**.000124**	**.00000666**	**.0000000468**
Benzene							
24		NR	26	ppb	.00135	.0000723	.000000509
				Maximum:	**.00135**	**.0000723**	**.000000509**
				Average:	**.00135**	**.0000723**	**.000000509**
Carbon Tetrachloride							
24		NR	.1	ppb	.0000103	.000000549	.000000003
				Maximum:	**.0000103**	**.000000549**	**.0000000038**
				Average:	**.0000103**	**.000000549**	**.0000000038**
Chloroform							
24		NR	2.7	ppb	.000215	.0000115	.000000081
				Maximum:	**.000215**	**.0000115**	**.0000000811**
				Average:	**.000215**	**.0000115**	**.0000000811**
Perchloroethylene							
24		NR	2	ppb	.000221	.0000118	.000000083
				Maximum:	**.000221**	**.0000118**	**.0000000834**
				Average:	**.000221**	**.0000118**	**.0000000834**
Toluene							
24		NR	46	ppb	.00282	.000151	.00000106

Fuel / Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
				Maximum:	**.00282**	**.000151**	**.00000106**
				Average:	**.00282**	**.000151**	**.00000106**
Trichlorocthylene							
24		NR	1.1	ppb	.0000963	.00000515	.000000036
				Maximum:	**.0000963**	**.00000515**	**.0000000363**
				Average:	**.0000963**	**.00000515**	**.0000000363**
Vinyl Chloride							
24		NR	8.1	ppb	.000337	.000018	.000000127
				Maximum:	**.000337**	**.000018**	**.000000127**
				Average:	**.000337**	**.000018**	**.000000127**
Xylene							
24		NR	43	ppb	.00303	.000162	.00000114
				Maximum:	**.00303**	**.000162**	**.00000114**
				Average:	**.00303**	**.000162**	**.00000114**
Natural Gas							
1,1,2,2-Tetrachlorocthane							
3.13		TO-14	5	ppb	<< .00116	<< .0000361	<< .000000644
3.15		TO-14	5	ppb	<< .00103	<< .0000385	<< .000000644
3.20		TO-14	5	ppb	<< .000381	<< .0000194	<< .000000733
3.21		TO-14	5	ppb	<< .000335	<< .0000194	<< .000000644
3.11		TO-14	5	ppb	<< .00108	<< .0000345	<< .00000054
3.12		TO-14	5	ppb	<< .00113	<< .0000351	<< .000000628
3.1		TO-14	5	ppb	<< .00094	<< .0000557	<< .000000587
3.9		TO-14	5	ppb	<< .00105	<< .0000484	<< .000000656
3.8		TO-14	5	ppb	<< .00109	<< .0000461	<< .000000606
3.7		TO-14	5	ppb	<< .00111	<< .0000451	<< .000000555
3.16		TO-14	5	ppb	<< .000508	<< .0000193	<< .000000782
3.3		TO-14	5	ppb	<< .00107	<< .0000717	<< .000000535
3.17		TO-14	5	ppb	<< .000443	<< .0000191	<< .000000682

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	3.18	TO-14	9.67	ppb	< .000882	< .0000373	< .00000151
	3.14	TO-14	5	ppb	<< .00103	<< .0000401	<< .000000644
	3.19	TO-14	5	ppb	<< .000401	<< .0000197	<< .000000685
	3.2	TO-14	5	ppb	<< .000995	<< .0000715	<< .000000553
	3.10	TO-14	5	ppb	<< .00114	<< .0000361	<< .00000057
				Maximum:	**.00116**	**.0000717**	**.00000151**
				Average:	**.000876**	**.0000385**	**.000000678**
1,1,2-Trichloroethane							
	3.10	TO-14	5	ppb	<< .000905	<< .0000287	<< .000000452
	3.20	TO-14	5	ppb	<< .000303	<< .0000154	<< .000000583
	3.13	TO-14	5	ppb	<< .000919	<< .0000287	<< .000000511
	3.17	TO-14	5	ppb	<< .000352	<< .0000152	<< .000000542
	3.9	TO-14	5	ppb	<< .000837	<< .0000384	<< .000000523
	3.19	TO-14	5	ppb	<< .000319	<< .0000157	<< .000000545
	3.2	TO-14	5	ppb	<< .000791	<< .0000568	<< .000000439
	3.15	TO-14	5	ppb	<< .000822	<< .0000306	<< .000000514
	3.14	TO-14	5	ppb	<< .000821	<< .0000318	<< .000000513
	3.18	TO-14	5	ppb	<< .000363	<< .0000153	<< .000000621
	3.21	TO-14	5	ppb	<< .000266	<< .0000154	<< .000000512
	3.16	TO-14	5	ppb	<< .000403	<< .0000153	<< .00000062
	3.3	TO-14	5	ppb	<< .00085	<< .000057	<< .000000425
	3.1	TO-14	5	ppb	<< .000747	<< .0000443	<< .000000467
	3.8	TO-14	5	ppb	<< .000866	<< .0000367	<< .000000481
	3.11	TO-14	5	ppb	<< .000856	<< .0000274	<< .000000428
	3.7	TO-14	5	ppb	<< .000879	<< .0000358	<< .00000044
	3.12	TO-14	5	ppb	<< .000896	<< .0000279	<< .000000498
				Maximum:	**.000919**	**.000057**	**.000000621**
				Average:	**.000677**	**.0000298**	**.000000506**
1,1-Dichloroethane							
	3.12	TO-14	5	ppb	<< .000664	<< .0000207	<< .000000369
	3.11	TO-14	5	ppb	<< .000635	<< .0000203	<< .000000318

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
3.15		TO-14	5	ppb	<< .000609	<< .0000227	<< .000000381
3.13		TO-14	5	ppb	<< .000681	<< .0000213	<< .000000378
3.14		TO-14	5	ppb	<< .000609	<< .0000236	<< .000000381
3.3		TO-14	5	ppb	<< .00063	<< .0000423	<< .000000315
3.17		TO-14	5	ppb	<< .000261	<< .0000112	<< .000000402
3.20		TO-14	5	ppb	<< .000224	<< .0000114	<< .000000431
3.10		TO-14	5	ppb	<< .000671	<< .0000213	<< .000000336
3.1		TO-14	5	ppb	<< .000553	<< .0000328	<< .000000346
3.18		TO-14	5	ppb	<< .000269	<< .0000113	<< .00000046
3.16		TO-14	5	ppb	<< .000299	<< .0000113	<< .00000046
3.9		TO-14	5	ppb	<< .000621	<< .0000285	<< .000000388
3.19		TO-14	5	ppb	<< .000236	<< .0000116	<< .000000403
3.7		TO-14	5	ppb	<< .000652	<< .0000266	<< .000000326
3.2		TO-14	5	ppb	<< .000587	<< .0000421	<< .000000326
3.8		TO-14	5	ppb	<< .000642	<< .0000272	<< .000000357
3.21		TO-14	5	ppb	<< .000197	<< .0000114	<< .000000379
				Maximum:	**.000681**	**.0000423**	**.00000046**
				Average:	**.000502**	**.0000221**	**.000000375**
1,2-Dichloroethane							
3.12		TO-14	5	ppb	<< .000664	<< .0000207	<< .000000369
3.20		TO-14	5	ppb	<< .000224	<< .0000114	<< .000000431
3.7		TO-14	5	ppb	<< .000652	<< .0000266	<< .000000326
3.17		TO-14	5	ppb	<< .000261	<< .0000112	<< .000000402
3.11		TO-14	5	ppb	<< .000635	<< .0000203	<< .000000318
3.3		TO-14	5	ppb	<< .00063	<< .0000423	<< .000000315
3.14		TO-14	5	ppb	<< .000609	<< .0000236	<< .000000381
3.8		TO-14	5	ppb	<< .000642	<< .0000272	<< .000000357
3.15		TO-14	5	ppb	<< .000609	<< .0000227	<< .000000381
3.13		TO-14	5	ppb	<< .000681	<< .0000213	<< .000000378
3.9		TO-14	5	ppb	<< .000621	<< .0000285	<< .000000388
3.16		TO-14	5	ppb	<< .000299	<< .0000113	<< .00000046

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	3.10	TO-14	5	ppb	<< .000671	<< .0000213	<< .000000336
	3.2	TO-14	5	ppb	<< .000587	<< .0000421	<< .000000326
	3.19	TO-14	5	ppb	<< .000236	<< .0000116	<< .000000403
	3.18	TO-14	5	ppb	<< .000269	<< .0000113	<< .00000046
	3.21	TO-14	5	ppb	<< .000197	<< .0000114	<< .000000379
				Maximum:	**.000681**	**.0000423**	**.00000046**
				Average:	**.000499**	**.0000215**	**.000000377**
1,2-Dichloropropane							
	3.8	TO-14	5	ppb	<< .000733	<< .000031	<< .000000407
	3.1	TO-14	5	ppb	<< .000632	<< .0000375	<< .000000395
	3.9	TO-14	5	ppb	<< .000709	<< .0000325	<< .000000443
	3.10	TO-14	5	ppb	<< .000766	<< .0000243	<< .000000383
	3.11	TO-14	5	ppb	<< .000724	<< .0000232	<< .000000362
	3.7	TO-14	5	ppb	<< .000744	<< .0000303	<< .000000372
	3.12	TO-14	5	ppb	<< .000758	<< .0000236	<< .000000421
	3.3	TO-14	5	ppb	<< .000719	<< .0000482	<< .000000359
	3.18	TO-14	5	ppb	<< .000307	<< .000013	<< .000000525
	3.14	TO-14	5	ppb	<< .000695	<< .000027	<< .000000434
	3.21	TO-14	5	ppb	<< .000225	<< .000013	<< .000000433
	3.15	TO-14	5	ppb	<< .000696	<< .0000259	<< .000000435
	3.2	TO-14	5	ppb	<< .00067	<< .000048	<< .000000372
	3.16	TO-14	5	ppb	<< .000341	<< .000013	<< .000000525
	3.19	TO-14	5	ppb	<< .00027	<< .0000133	<< .000000462
	3.17	TO-14	5	ppb	<< .000298	<< .0000128	<< .000000458
	3.13	TO-14	5	ppb	<< .000778	<< .0000243	<< .000000432
	3.20	TO-14	5	ppb	<< .000256	<< .000013	<< .000000492
				Maximum:	**.000778**	**.0000482**	**.000000525**
				Average:	**.000573**	**.0000252**	**.000000428**
1,3-Butadiene							
	CSU-1.3.2	Alternate Method 17/	250	ppb	<< .00374	<< .00138	<< .0000123
	CSU-1.8.1	Alternate Method 17/	250	ppb	<< .00401	<< .0012	<< .00000959

Fuel Pollutant ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
25.2	CARB 422.102	75	ppb	.0105	.000267	.00000273
CSU-1.9.1	Alternate Method 17/	250	ppb	<< .00392	<< .000992	<< .00000891
CSU-1.5.2	Alternate Method 17/	250	ppb	<< .00436	<< .00111	<< .00000991
CSU-1.6.1	Alternate Method 17/	250	ppb	<< .00342	<< .000967	<< .00000777
CSU-1.2/7.1	Alternate Method 17/	250	ppb	<< .00329	<< .00124	<< .000011
CSU-1.9.2	Alternate Method 17/	250	ppb	<< .00398	<< .00101	<< .00000905
25.4	CARB 422.102	435	ppb	.00932	.00101	.00000888
29.23x	TO-14	30	ppb	.00173	.000135	.00000103
CSU-1.8.2	Alternate Method 17/	250	ppb	<< .00386	<< .00115	<< .00000923
CSU-1.10.1	Alternate Method 17/	250	ppb	<< .00405	<< .00101	<< .0000092
25.3	CARB 422.102	159	ppb	.00308	.000315	.00000325
25.1	CARB 422.102	68.7	ppb	.000512	.0000859	.000000875
CSU-1.10.2	Alternate Method 17/	250	ppb	<< .00405	<< .00101	<< .0000092
CSU-1.1.2	Alternate Method 17/	250	ppb	<< .00401	<< .00102	<< .00000911
CSU-1.13.1	Alternate Method 17/	250	ppb	<< .00402	<< .00101	<< .00000914
CSU-1.1.1	Alternate Method 17/	250	ppb	<< .00378	<< .00101	<< .00000859
CSU-1.11.1	Alternate Method 17/	250	ppb	<< .00376	<< .00111	<< .000009
CSU-1.2/7.2	Alternate Method 17/	250	ppb	<< .00384	<< .00124	<< .0000128
CSU-1.4.2	Alternate Method 17/	250	ppb	<< .00352	<< .00104	<< .00000842
CSU-1.6.2	Alternate Method 17/	250	ppb	<< .00368	<< .000942	<< .00000836
CSU-1.3.1	Alternate Method 17/	250	ppb	<< .00311	<< .00132	<< .0000102
CSU-1.4.1	Alternate Method 17/	250	ppb	<< .0031	<< .00102	<< .00000742
CSU-1.5.1	Alternate Method 17/	250	ppb	<< .00406	<< .00109	<< .00000923
CSU-1.16.1	Alternate Method 17/	250	ppb	<< .00408	<< .00101	<< .00000927
CSU-2.8.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.12.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.15.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.2.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.11.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.14.2	Alternate Method 17/	250	ppb	<< .00381	<< .000991	<< .00000866
CSU-1.11.2	Alternate Method 17/	250	ppb	<< .0039	<< .00115	<< .00000933
CSU-2.3.2	Alternate Method 17/	NR	ppb	NR	NR	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.15.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.13.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.11.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.16.2	Alternate Method 17/	250	ppb	<< .00414	<< .00102	<< .00000941
	CSU-2.4.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.14.1	Alternate Method 17/	250	ppb	<< .00386	<< .00101	<< .00000877
	CSU-2.12.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.1.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.12.1	Alternate Method 17/	250	ppb	<< .00382	<< .00113	<< .00000914
	CSU-1.12.2	Alternate Method 17/	250	ppb	<< .00389	<< .00115	<< .00000931
	CSU-2.4.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.13.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.7.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.5.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.5.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.14.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.10.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.3.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.15.1	Alternate Method 17/	250	ppb	<< .00414	<< .00102	<< .00000941
	CSU-2.9.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.14.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.10.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.9.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.13.2	Alternate Method 17/	250	ppb	<< .00395	<< .000991	<< .00000898
	CSU-2.16.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.15.2	Alternate Method 17/	250	ppb	<< .00414	<< .00102	<< .00000941
	CSU-2.1.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.7.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.6.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.2.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.8.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.6.1	Alternate Method 17/	NR	ppb	NR	NR	NR

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.16.2	Alternate Method 17/	NR	ppb	NR	NR	NR
				Maximum:	**.0105**	**.00138**	**.0000128**
				Average:	**.00401**	**.000976**	**.00000848**
1,3-Dichloropropene							
3.11		TO-14	5	ppb	<< .000712	<< .0000228	<< .000000356
3.17		TO-14	5	ppb	<< .000293	<< .0000126	<< .000000451
3.2		TO-14	5	ppb	<< .000658	<< .0000472	<< .000000366
3.1		TO-14	5	ppb	<< .000621	<< .0000368	<< .000000388
3.21		TO-14	5	ppb	<< .000221	<< .0000128	<< .000000425
3.7		TO-14	5	ppb	<< .000731	<< .0000298	<< .000000366
3.12		TO-14	5	ppb	<< .000745	<< .0000232	<< .000000414
3.13		TO-14	5	ppb	<< .000764	<< .0000238	<< .000000424
3.20		TO-14	5	ppb	<< .000252	<< .0000128	<< .000000485
3.14		TO-14	5	ppb	<< .000683	<< .0000265	<< .000000427
3.15		TO-14	5	ppb	<< .000683	<< .0000255	<< .000000427
3.18		TO-14	5	ppb	<< .000301	<< .0000127	<< .000000515
3.16		TO-14	5	ppb	<< .000335	<< .0000127	<< .000000515
3.3		TO-14	5	ppb	<< .000707	<< .0000474	<< .000000353
3.10		TO-14	5	ppb	<< .000752	<< .0000238	<< .000000376
3.9		TO-14	5	ppb	<< .000696	<< .000032	<< .000000435
3.8		TO-14	5	ppb	<< .00072	<< .0000305	<< .0000004
3.19		TO-14	5	ppb	<< .000265	<< .000013	<< .000000453
				Maximum:	**.000764**	**.0000474**	**.000000515**
				Average:	**.000563**	**.0000248**	**.000000421**
2,2,4-Trimethylpentane							
31.19x		FTIR	30	ppb	.00306	.000192	.00000159
29.7x		TO-14	60	ppb	.00516	.000496	.00000418
29.45x		TO-14	20	ppb	.00167	.00011	.00000102
29.2x		TO-14	30	ppb	.00249	.000238	.00000273
29.23x		TO-14	20	ppb	.00244	.00019	.00000146
31.8x		TO-14	410	ppb	.0281	.0028	.0000246

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
31.16x		TO-14	130	ppb	.00732	.000976	.0000103
31.3x		TO-14	100	ppb	.0147	.000847	.0000075
29.39x		TO-14	80	ppb	.00519	.000335	.00000295
31.11x		TO-14	190	ppb	.0115	.00149	.0000139
29.10x		TO-14	90	ppb	.0124	.000769	.00000675
29.42x		TO-14	70	ppb	.00483	.000306	.00000268
31.12x		TO-14	60	ppb	.00351	.000457	.00000437
				Maximum:	**.0281**	**.0028**	**.0000246**
				Average:	**.00787**	**.000708**	**.00000646**
Acetaldehyde							
29.41x		FTIR	2530	ppb	.065	.00408	.0000357
29.9x		FTIR	1820	ppb	.0993	.00621	.0000541
29.8x		FTIR	2460	ppb	<< .0802	<< .00775	<< .0000649
29.45x		FTIR	5860	ppb	<< .189	<< .0125	<< .000115
29.44x		FTIR	4030	ppb	.137	.00848	.000077
31.3x		FTIR	2020	ppb	<< .114	<< .0066	<< .0000582
31.8x		FTIR	1700	ppb	<< .0449	<< .00447	<< .0000392
29.3x		FTIR	880	ppb	<< .0262	<< .00295	<< .0000359
31.7x		FTIR	1690	ppb	<< .0449	<< .00433	<< .0000392
29.4x		FTIR	2400	ppb	<< .0783	<< .0093	<< .000104
29.5x		FTIR	3340	ppb	.106	.0116	.000126
31.6x		FTIR	1930	ppb	<< .0514	<< .00497	<< .0000449
31.5x		FTIR	4910	ppb	<< .145	<< .0172	<< .000163
25.2		CARB 430	299	ppb	< .034	< .000856	< .00000885
31.4x		FTIR	2340	ppb	<< .135	<< .00862	<< .0000813
29.46x		FTIR	5860	ppb	<< .197	<< .0124	<< .000107
31.2x		FTIR	1260	ppb	<< .0456	<< .00269	<< .000046
29.26x		FTIR	3060	ppb	<< .14	<< .0113	<< .0000786
29.7x		FTIR	2460	ppb	<< .0817	<< .00787	<< .0000662
29.51x		FTIR	5860	ppb	<< .184	<< .0121	<< .000106
29.50x		FTIR	5860	ppb	<< .202	<< .0123	<< .000115

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
29.49x		FTIR	5860	ppb	<< .206	<< .0125	<< .000117
29.48x		FTIR	5860	ppb	<< .21	<< .0128	<< .000125
29.47x		FTIR	5860	ppb	<< .2	<< .0127	<< .000118
29.6x		FTIR	2460	ppb	<< .0857	<< .00855	<< .0000789
29.21x		FTIR	1980	ppb	<< .176	<< .00688	<< .0000547
27		CARB 430	143	ppb	.008	.000329	.00000228
29.12x		FTIR	1380	ppb	<< .0657	<< .00461	<< .0000365
3.1		CARB 430	2200	ppb	.108	.00646	.0000676
29.13x		FTIR	1380	ppb	<< .0648	<< .00494	<< .0000414
3.11		CARB 430	.0667	ug/ml	NR	NR	NR
3.2		CARB 430	810	ppb	.0422	.00303	.0000234
29.23x		FTIR	1640	ppb	.0771	.00603	.0000461
20.1		CARB 430	23.3	ppb	< .000225	< .0000318	< .000000384
29.14x		FTIR	1710	ppb	.0731	.00614	.0000472
29.11x		FTIR	2050	ppb	<< .123	<< .00764	<< .0000804
29.20x		FTIR	1980	ppb	<< .184	<< .00688	<< .0000578
29.19x		FTIR	1980	ppb	<< .16	<< .00677	<< .0000519
29.18x		FTIR	1980	ppb	<< .162	<< .00634	<< .0000487
29.15x		FTIR	1920	ppb	.083	.00613	.0000457
29.17x		FTIR	1980	ppb	<< .178	<< .00644	<< .000053
3.16		CARB 430	.094	ug/ml	NR	NR	NR
3.17		CARB 430	500	ppb	<< .0116	<< .0005	<< .0000178
29.16x		FTIR	1950	ppb	.0871	.00654	.0000509
29.22x		FTIR	3060	ppb	<< .145	<< .0115	<< .000083
29.28x		FTIR	3590	ppb	<< .0176	<< .00355	<< .0000223
29.37x		FTIR	3720	ppb	<< .214	<< .00662	<< .000052
29.10x		FTIR	1540	ppb	.0817	.00508	.0000445
29.36x		FTIR	3720	ppb	<< .218	<< .00762	<< .0000611
3.7		CARB 430	.218	ug/ml	NR	NR	NR
29.35x		FTIR	3100	ppb	<< .159	<< .00571	<< .0000435
29.34x		FTIR	3100	ppb	<< .184	<< .00546	<< .0000434
29.33x		FTIR	3100	ppb	<< .185	<< .00555	<< .0000449

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
29.31x		FTIR	3590	ppb	<< .0176	<< .00349	<< .0000214
25.4		CARB 430	98.7	ppb	< .00172	< .000186	< .00000164
29.29x		FTIR	2650	ppb	.00856	.00261	.0000184
25.3		CARB 430	16	ppb	<< .000253	<< .0000259	<< .000000266
29.27ax		FTIR	3060	ppb	<< .138	<< .0115	<< .0000861
20.2		CARB 430	5	ppb	<< .0000676	<< .00000961	<< .000000115
31.1x		FTIR	3030	ppb	<< .125	<< .0112	<< .000127
29.25x		FTIR	3060	ppb	<< .127	<< .0115	<< .0000893
29.24x		FTIR	3060	ppb	<< .139	<< .0111	<< .0000813
25.1		CARB 430	50.7	ppb	.000308	.0000516	.000000526
3.3		CARB 430	1190	ppb	.0664	.00448	.0000332
29.38x		FTIR	3720	ppb	<< .214	<< .0065	<< .0000515
29.30ax		FTIR	3590	ppb	<< .0183	<< .00349	<< .0000215
CSU-1.2/7.2		FTIR	650	ppb	<< .00814	<< .00264	<< .0000272
31.17x		FTIR	2560	ppb	<< .0996	<< .00564	<< .0000491
31.18x		FTIR	2160	ppb	<< .0836	<< .00535	<< .0000429
31.19x		FTIR	2210	ppb	<< .087	<< .00547	<< .0000451
CSU-1.13.1		FTIR	650	ppb	<< .00851	<< .00213	<< .0000193
CSU-1.1.1		FTIR	650	ppb	<< .00802	<< .00213	<< .0000182
CSU-1.6.2		FTIR	650	ppb	<< .0078	<< .002	<< .0000177
CSU-1.4.1		FTIR	650	ppb	<< .00658	<< .00217	<< .0000157
CSU-1.1.2		FTIR	650	ppb	<< .00848	<< .00216	<< .0000193
CSU-1.4.2		FTIR	650	ppb	<< .00745	<< .0022	<< .0000178
CSU-1.6.1		FTIR	650	ppb	<< .00725	<< .00205	<< .0000165
CSU-1.8.1		FTIR	650	ppb	<< .0085	<< .00254	<< .0000203
CSU-1.5.2		FTIR	650	ppb	<< .00924	<< .00236	<< .000021
CSU-1.10.1		FTIR	650	ppb	<< .00858	<< .00215	<< .0000195
CSU-1.10.2		FTIR	650	ppb	<< .00858	<< .00215	<< .0000195
3.10		CARB 430	.0533	ug/ml	NR	NR	NR
CSU-1.3.1		FTIR	650	ppb	<< .00658	<< .00279	<< .0000217
7.8		CARB 430	5100	ppb	.0215	.00714	.000103
CSU-1.3.2		FTIR	650	ppb	<< .00793	<< .00292	<< .0000261

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-1.5.1	FTIR	650	ppb	<< .0086	<< .00232	<< .0000195
	7.5	CARB 430	1660	ppb	.00462	.00233	.00006
	7.7	CARB 430	1330	ppb	.00561	.00153	.000027
	CSU-1.11.1	FTIR	650	ppb	<< .00796	<< .00236	<< .000019
	7.6	CARB 430	3750	ppb	.0104	.00563	.000135
	CSU-1.2/7.1	FTIR	650	ppb	<< .00697	<< .00264	<< .0000233
	31.15x	FTIR	1910	ppb	<< .0416	<< .00537	<< .0000574
	31.12x	FTIR	3000	ppb	.0677	.00881	.0000842
	31.11x	FTIR	3600	ppb	<< .0837	<< .0109	<< .000101
	7.12	CARB 430	1510	ppb	.000721	.00207	.00000347
	31.9x	FTIR	13000	ppb	.251	.0314	.0003
	7.13	CARB 430	2290	ppb	.0571	.00692	.0000867
	31.16x	FTIR	1850	ppb	<< .0401	<< .00535	<< .0000566
	31.13x	FTIR	4770	ppb	.0993	.0126	.000142
	CSU-1.8.2	FTIR	650	ppb	<< .00819	<< .00244	<< .0000196
	29.2x	FTIR	2200	ppb	.0705	.00672	.0000774
	CSU-1.9.1	FTIR	650	ppb	<< .0083	<< .0021	<< .0000189
	29.1x	FTIR	880	ppb	<< .0257	<< .00264	<< .00003
	31.14x	FTIR	5800	ppb	.125	.0153	.000176
	CSU-1.9.2	FTIR	650	ppb	<< .00843	<< .00213	<< .0000192
	CSU-2.13.1	FTIR	1250	ppb	<< .0163	<< .00247	<< .0000221
	CSU-2.9.2	FTIR	775	ppb	<< .0088	<< .00143	<< .000012
	CSU-1.15.2	FTIR	650	ppb	<< .00878	<< .00217	<< .00002
	CSU-2.8.1	FTIR	1300	ppb	<< .0126	<< .00258	<< .0000171
	CSU-2.6.1	FTIR	1240	ppb	<< .0134	<< .00216	<< .0000182
	CSU-1.12.2	FTIR	650	ppb	<< .00824	<< .00244	<< .0000197
	CSU-2.4.1	FTIR	1220	ppb	<< .0109	<< .00226	<< .0000148
	CSU-2.9.1	FTIR	1250	ppb	<< .0142	<< .0023	<< .0000193
	CSU-2.13.2	FTIR	775	ppb	<< .00951	<< .00144	<< .0000129
	CSU-2.8.2	FTIR	815	ppb	<< .00788	<< .00162	<< .0000107
	CSU-2.11.1	FTIR	1250	ppb	<< .0137	<< .00233	<< .0000186
	CSU-2.5.1	FTIR	1400	ppb	<< .0178	<< .00278	<< .0000242

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.11.2	FTIR	775	ppb	<< .00849	<< .00144	<< .0000115
	CSU-2.10.2	FTIR	775	ppb	<< .00842	<< .00143	<< .0000114
	CSU-1.14.2	FTIR	650	ppb	<< .00806	<< .0021	<< .0000183
	CSU-2.12.2	FTIR	775	ppb	<< .00863	<< .00145	<< .0000117
	CSU-2.12.1	FTIR	1250	ppb	<< .014	<< .00234	<< .000019
	CSU-2.1.1	FTIR	1250	ppb	<< .0143	<< .00233	<< .0000194
	CSU-2.1.2	FTIR	785	ppb	<< .00897	<< .00146	<< .0000122
	CSU-1.16.1	FTIR	650	ppb	<< .00864	<< .00213	<< .0000196
	CSU-2.10.1	FTIR	1250	ppb	<< .0137	<< .00232	<< .0000186
	CSU-2.5.2	FTIR	800	ppb	<< .0101	<< .00158	<< .0000137
	CSU-2.4.2	FTIR	770	ppb	<< .00689	<< .00143	<< .00000936
	CSU-1.14.1	FTIR	650	ppb	<< .00819	<< .00213	<< .0000186
	CSU-1.15.1	FTIR	650	ppb	<< .00878	<< .00217	<< .00002
	CSU-2.7.2	FTIR	755	ppb	<< .00587	<< .00132	<< .0000114
	CSU-2.3.2	FTIR	770	ppb	<< .00533	<< .00143	<< .0000103
	CSU-2.15.1	FTIR	1250	ppb	<< .0148	<< .00235	<< .0000201
	CSU-2.2.2	FTIR	770	ppb	<< .00646	<< .00143	<< .0000125
	CSU-1.16.2	FTIR	650	ppb	<< .00877	<< .00217	<< .0000199
	CSU-1.11.2	FTIR	650	ppb	<< .00825	<< .00244	<< .0000197
	CSU-1.12.1	FTIR	650	ppb	<< .00809	<< .0024	<< .0000194
	CSU-2.6.2	FTIR	775	ppb	<< .00833	<< .00135	<< .0000113
	CSU-2.16.1	FTIR	1250	ppb	<< .0145	<< .00233	<< .0000197
	CSU-2.14.2	FTIR	775	ppb	<< .00876	<< .00145	<< .0000119
	CSU-2.15.2	FTIR	775	ppb	<< .00913	<< .00144	<< .0000124
	CSU-2.16.2	FTIR	775	ppb	<< .00899	<< .00144	<< .0000122
	CSU-1.13.2	FTIR	650	ppb	<< .00838	<< .0021	<< .000019
	CSU-2.14.1	FTIR	1250	ppb	<< .014	<< .00233	<< .000019
	CSU-2.3.1	FTIR	1300	ppb	<< .009	<< .00242	<< .0000175
	CSU-2.7.1	FTIR	1350	ppb	<< .0106	<< .00238	<< .0000206
	CSU-2.2.1	FTIR	1300	ppb	<< .0109	<< .00242	<< .0000212

Fuel Pollutant ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
			Maximum:	**.251**	**.0314**	**.0003**
			Average:	**.0583**	**.00482**	**.0000442**
Acrolein						
20.2	CARB 430	5	ppb	<< .000086	<< .0000122	<< .000000147
CSU-1.5.1	FTIR	77	ppb	.0013	.000349	.00000295
29.14x	FTIR	2000	ppb	<< .109	<< .00914	<< .0000704
29.26x	FTIR	1410	ppb	.0823	.00659	.0000462
29.1x	FTIR	1520	ppb	<< .0566	<< .00581	<< .0000661
29.27ax	FTIR	1400	ppb	.0804	.00667	.0000502
29.10x	FTIR	1920	ppb	<< .13	<< .00806	<< .0000708
CSU-1.10.2	FTIR	475	ppb	<< .00798	<< .002	<< .0000181
29.19x	FTIR	1980	ppb	<< .204	<< .00861	<< .0000662
3.7	CARB 430	500	ppb	<< .0369	<< .0015	<< .0000184
7.7	CARB 430	687	ppb	.00368	.001	.0000177
29.23x	FTIR	1870	ppb	.112	.00875	.0000669
29.28x	FTIR	6420	ppb	<< .04	<< .00808	<< .0000507
CSU-1.4.2	FTIR	475	ppb	<< .00693	<< .00205	<< .0000166
3.2	CARB 430	500	ppb	<< .0332	<< .00238	<< .0000184
29.29x	FTIR	6420	ppb	<< .0264	<< .00805	<< .0000567
29.30ax	FTIR	3530	ppb	.0229	.00437	.0000269
29.52x	FTIR	2400	ppb	.0955	.00647	.0000597
CSU-1.6.1	FTIR	475	ppb	<< .00675	<< .00191	<< .0000153
CSU-1.9.2	FTIR	475	ppb	<< .00784	<< .00199	<< .0000178
CSU-1.8.1	FTIR	475	ppb	<< .0079	<< .00236	<< .0000189
29.21x	FTIR	1980	ppb	<< .224	<< .00876	<< .0000696
29.22x	FTIR	2320	ppb	<< .14	<< .011	<< .0000802
3.1	CARB 430	500	ppb	<< .0313	<< .00185	<< .0000196
25.4	CARB 430	24.8	ppb	< .000552	< .0000595	< .000000526
29.24x	FTIR	1640	ppb	.0948	.00758	.0000554
29.2x	FTIR	1520	ppb	<< .062	<< .00591	<< .0000681
29.11x	FTIR	1920	ppb	<< .147	<< .0091	<< .0000961

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
29.13x		FTIR	2000	ppb	<< .12	<< .00914	<< .0000766
29.12x		FTIR	2000	ppb	<< .122	<< .00853	<< .0000678
29.25x		FTIR	2530	ppb	.133	.0121	.0000935
CSU-1.10.1		FTIR	56	ppb	.000941	.000235	.00000214
25.2		CARB 430	21.7	ppb	< .00314	< .0000793	< .000000815
29.20x		FTIR	1980	ppb	<< .234	<< .00876	<< .0000735
CSU-1.8.2		FTIR	475	ppb	<< .00761	<< .00227	<< .0000182
3.3		CARB 430	500	ppb	<< .0356	<< .00239	<< .0000178
CSU-1.5.2		FTIR	475	ppb	<< .00859	<< .00219	<< .0000195
25.1		CARB 430	375	ppb	.0029	.000487	.00000497
3.11		CARB 430	500	ppb	<< .0359	<< .00115	<< .000018
25.3		CARB 430	12.6	ppb	<< .000254	<< .0000259	<< .000000267
7.8		CARB 430	2160	ppb	.0116	.00385	.0000558
CSU-1.6.2		FTIR	475	ppb	<< .00725	<< .00186	<< .0000165
31.3x		FTIR	1340	ppb	<< .0967	<< .00558	<< .0000493
29.31x		FTIR	4900	ppb	.0306	.00607	.0000371
29.46x		FTIR	1610	ppb	.0691	.00434	.0000376
29.33x		FTIR	1880	ppb	<< .143	<< .0043	<< .0000347
29.47x		FTIR	1860	ppb	.0807	.00512	.0000475
29.48x		FTIR	1660	ppb	.0756	.00462	.000045
CSU-1.1.1		FTIR	475	ppb	<< .00746	<< .00198	<< .000017
29.49x		FTIR	1880	ppb	.0842	.00512	.0000478
29.50x		FTIR	2310	ppb	.101	.00616	.0000574
29.51x		FTIR	2300	ppb	.0918	.00607	.0000528
31.1x		FTIR	1940	ppb	<< .102	<< .00908	<< .000104
29.7x		FTIR	2220	ppb	<< .0937	<< .00902	<< .0000759
7.13		CARB 430	563	ppb	.0178	.00217	.000027
29.45x		FTIR	3260	ppb	<< .134	<< .00884	<< .0000817
3.17		CARB 430	500	ppb	<< .0148	<< .000636	<< .0000228
CSU-1.1.2		FTIR	475	ppb	<< .00789	<< .00201	<< .0000179
31.4x		FTIR	1200	ppb	<< .0888	<< .00565	<< .0000535
29.6x		FTIR	2220	ppb	<< .0982	<< .0098	<< .0000904

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
7.12		CARB 430	240	ppb	.000146	.000419	.0000007
31.5x		FTIR	1510	ppb	<< .0566	<< .00671	<< .0000635
29.5x		FTIR	2550	ppb	.103	.0113	.000123
29.16x		FTIR	2000	ppb	<< .114	<< .00853	<< .0000667
31.6x		FTIR	1600	ppb	<< .0542	<< .00523	<< .0000474
CSU-1.13.1		FTIR	475	ppb	<< .00792	<< .00198	<< .000018
29.4x		FTIR	2250	ppb	.0933	.0111	.000124
29.3x		FTIR	1520	ppb	<< .0577	<< .00648	<< .0000792
31.7x		FTIR	1690	ppb	<< .0572	<< .00551	<< .00005
31.8x		FTIR	1510	ppb	<< .0508	<< .00505	<< .0000444
31.2x		FTIR	2910	ppb	<< .134	<< .00791	<< .000135
29.37x		FTIR	1860	ppb	<< .137	<< .00423	<< .0000333
7.6		CARB 430	833	ppb	.00295	.00159	.0000383
CSU-1.4.1		FTIR	475	ppb	<< .00612	<< .00202	<< .0000146
CSU-1.9.1		FTIR	475	ppb	<< .00772	<< .00195	<< .0000175
29.34x		FTIR	1880	ppb	<< .143	<< .00424	<< .0000337
20.1		CARB 430	35	ppb	<< .000449	<< .0000638	<< .000000768
29.18x		FTIR	1980	ppb	<< .206	<< .00807	<< .000062
CSU-1.3.2		FTIR	475	ppb	<< .00737	<< .00272	<< .0000243
29.35x		FTIR	1880	ppb	<< .124	<< .00443	<< .0000339
7.5		CARB 430	233	ppb	< .00124	< .000623	< .000016
29.36x		FTIR	1860	ppb	<< .139	<< .00487	<< .0000389
29.9x		FTIR	1920	ppb	<< .133	<< .00833	<< .0000724
CSU-1.3.1		FTIR	30	ppb	.000387	.000164	.00000127
CSU-1.2/7.2		FTIR	475	ppb	<< .00757	<< .00245	<< .0000253
29.8x		FTIR	2220	ppb	<< .092	<< .00888	<< .0000745
29.15x		FTIR	2000	ppb	<< .11	<< .00813	<< .0000605
CSU-1.2/7.1		FTIR	475	ppb	<< .00648	<< .00245	<< .0000217
29.44x		FTIR	3260	ppb	<< .142	<< .00875	<< .0000798
CSU-1.11.1		FTIR	30	ppb	.000468	.000138	.00000112
29.17x		FTIR	1980	ppb	<< .227	<< .0082	<< .0000676
29.38x		FTIR	1860	ppb	<< .137	<< .00415	<< .0000329

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
29.41x		FTIR	3440	ppb	<< .113	<< .00706	<< .0000621
CSU-2.11.2		FTIR	2920	ppb	<< .0408	<< .00691	<< .0000554
CSU-1.11.2		FTIR	475	ppb	<< .00768	<< .00227	<< .0000184
CSU-1.14.2		FTIR	475	ppb	<< .0075	<< .00195	<< .000017
CSU-2.9.1		FTIR	765	ppb	<< .011	<< .00179	<< .0000149
CSU-2.15.2		FTIR	2920	ppb	<< .0439	<< .00694	<< .0000596
CSU-2.5.1		FTIR	780	ppb	<< .0126	<< .00197	<< .0000171
CSU-1.15.2		FTIR	475	ppb	<< .00816	<< .00202	<< .0000185
CSU-2.11.1		FTIR	765	ppb	<< .0107	<< .00181	<< .0000145
CSU-2.9.2		FTIR	2920	ppb	<< .0423	<< .00686	<< .0000575
CSU-2.1.2		FTIR	2920	ppb	<< .0424	<< .0069	<< .0000576
CSU-2.2.2		FTIR	2780	ppb	<< .0296	<< .00658	<< .0000575
CSU-2.16.2		FTIR	2920	ppb	<< .0432	<< .00693	<< .0000587
CSU-2.6.1		FTIR	800	ppb	<< .011	<< .00178	<< .0000149
CSU-2.16.1		FTIR	765	ppb	<< .0113	<< .00181	<< .0000154
CSU-2.10.2		FTIR	2920	ppb	<< .0405	<< .00687	<< .000055
CSU-2.3.2		FTIR	2780	ppb	<< .0244	<< .00658	<< .0000474
CSU-2.5.2		FTIR	2820	ppb	<< .0455	<< .0071	<< .0000618
CSU-1.15.1		FTIR	66	ppb	.00113	.00028	.00000257
CSU-2.7.1		FTIR	810	ppb	<< .00809	<< .00182	<< .0000157
CSU-1.13.2		FTIR	475	ppb	<< .00779	<< .00195	<< .0000177
CSU-2.8.2		FTIR	2780	ppb	<< .0342	<< .00701	<< .0000465
CSU-2.3.1		FTIR	775	ppb	<< .00683	<< .00184	<< .0000133
CSU-2.10.1		FTIR	765	ppb	<< .0106	<< .00181	<< .0000144
CSU-1.16.1		FTIR	475	ppb	<< .00803	<< .00199	<< .0000183
CSU-2.7.2		FTIR	2880	ppb	<< .0285	<< .00639	<< .0000553
CSU-2.6.2		FTIR	3020	ppb	<< .0414	<< .00669	<< .0000562
CSU-2.12.1		FTIR	765	ppb	<< .0109	<< .00183	<< .0000148
CSU-1.12.1		FTIR	76	ppb	.0012	.000357	.00000287
CSU-2.14.2		FTIR	2920	ppb	<< .0421	<< .00698	<< .0000572
CSU-2.8.1		FTIR	725	ppb	<< .00892	<< .00183	<< .0000121
CSU-2.1.1		FTIR	775	ppb	<< .0113	<< .00183	<< .0000154

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.2.1	FTIR	775	ppb	<< .00826	<< .00184	<< .000016
	CSU-2.12.2	FTIR	2920	ppb	<< .0414	<< .00695	<< .0000562
	CSU-2.4.2	FTIR	2880	ppb	<< .0327	<< .0068	<< .0000444
	CSU-1.14.1	FTIR	475	ppb	<< .00761	<< .00198	<< .0000173
	CSU-2.13.1	FTIR	765	ppb	<< .0127	<< .00192	<< .0000173
	CSU-1.12.2	FTIR	475	ppb	<< .00766	<< .00227	<< .0000183
	CSU-2.14.1	FTIR	765	ppb	<< .0109	<< .00181	<< .0000148
	CSU-2.13.2	FTIR	2920	ppb	<< .0457	<< .00693	<< .0000621
	CSU-2.4.1	FTIR	750	ppb	<< .00854	<< .00177	<< .0000116
	CSU-2.15.1	FTIR	765	ppb	<< .0116	<< .00183	<< .0000158
	CSU-1.16.2	FTIR	475	ppb	<< .00816	<< .00202	<< .0000185
				Maximum:	**.234**	**.0121**	**.000135**
				Average:	**.053**	**.00452**	**.0000398**
Benzene							
	CSU-1.9.2	Alternate Method 17/	10	ppb	.00023	.0000582	.000000523
	3.17	TO-14	17.3	ppb	.000713	.0000307	.0000011
	CSU-1.10.1	Alternate Method 17/	80	ppb	.00187	.000468	.00000425
	11.3	CARB 410A	157	ppb	.0167	.00135	.0000381
	CSU-1.9.1	Alternate Method 17/	80	ppb	.00181	.000459	.00000411
	11.1	CARB 410A	32.7	ppb	.000351	.0000983	.000000195
	11.2	CARB 410A	51.7	ppb	.000348	.000118	.000000792
	3.16	TO-14	140	ppb	.0066	.00025	.0000102
	CSU-1.11.1	Alternate Method 17/	10	ppb	.000217	.0000643	.000000519
	3.12	TO-14	193	ppb	.0202	.00063	.0000112
	3.13	TO-14	56	ppb	.00601	.000188	.00000334
	3.14	TO-14	243	ppb	.0233	.000906	.0000146
	CSU-1.10.2	Alternate Method 17/	10	ppb	.000234	.0000585	.000000532
	3.15	TO-14	92.3	ppb	.00886	.00033	.00000554
	29.45x	TO-14	50	ppb	.00286	.000189	.00000174
	29.33x	TO-14	9	ppb	.000954	.0000286	.000000232
	CSU-1.3.2	Alternate Method 17/	10	ppb	.000216	.0000797	.000000711

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
29.37x		TO-14	30	ppb	.00307	.0000947	.000000746
CSU-1.3.1		Alternate Method 17/	50	ppb	.000898	.000381	.00000296
29.39x		TO-14	120	ppb	.00532	.000343	.00000302
CSU-1.2/7.2		Alternate Method 17/	20	ppb	.000444	.000144	.00000148
20.2		CARB 410	63.3	ppb	.00144	.000203	.00000246
CSU-1.2/7.1		Alternate Method 17/	70	ppb	.00133	.000503	.00000445
31.8x		TO-14	220	ppb	.0103	.00103	.000009
CSU-1.1.2		Alternate Method 17/	10	ppb	.000231	.0000588	.000000525
CSU-1.1.1		Alternate Method 17/	50	ppb	.00109	.000291	.00000248
31.19x		FTIR	300	ppb	.0209	.00132	.0000108
31.16x		TO-14	520	ppb	.02	.00267	.0000282
31.3x		TO-14	90	ppb	.00905	.000522	.00000462
31.12x		TO-14	510	ppb	.0204	.00266	.0000254
31.11x		TO-14	930	ppb	.0384	.00499	.0000464
29.42x		TO-14	120	ppb	.00566	.000359	.00000314
25.3		CARB 410A	61	ppb	.00171	.000175	.0000018
29.23x		TO-14	50	ppb	.00417	.000326	.00000249
3.11		TO-14	47	ppb	.0047	.000151	.00000235
3.1		TO-14	14.7	ppb	.00128	.0000759	.000000802
CSU-1.8.1		Alternate Method 17/	60	ppb	.00139	.000415	.00000333
27		CARB 410A	42	ppb	.00417	.000174	.00000119
26		CARB 410A	1.87	ppb	.0000219	.00000367	.000000027
CSU-1.6.2		Alternate Method 17/	13	ppb	.000277	.0000708	.00000063
CSU-1.4.1		Alternate Method 17/	10	ppb	.000179	.0000591	.000000428
CSU-1.6.1		Alternate Method 17/	90	ppb	.00178	.000503	.00000405
20.1		CARB 410	400	ppb	.00714	.00101	.0000122
3.8		TO-14	127	ppb	.0128	.000543	.00000713
25.2		CARB 410A	30.7	ppb	.00619	.000157	.00000161
CSU-1.5.2		Alternate Method 17/	10	ppb	.000252	.0000643	.000000573
25.1		CARB 410A	119	ppb	.00128	.000214	.00000218
CSU-1.5.1		Alternate Method 17/	70	ppb	.00164	.000442	.00000373
CSU-1.4.2		Alternate Method 17/	20	ppb	.000406	.00012	.000000971

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.8.2		Alternate Method 17/	10	ppb	<< .000223	<< .0000666	<< .000000533
25.4		CARB 410A	360	ppb	.0111	.00121	.0000106
3.21		TO-14	17	ppb	.000528	.0000306	.00000102
7.2		CARB 410A	960	ppb	.00452	.00216	.0000754
3.10		TO-14	140	ppb	.0148	.000469	.0000074
7.3		CARB 410A	415	ppb	.00306	.000942	.0000192
3.3		TO-14	18.7	ppb	.00185	.000124	.000000927
7.4		CARB 410A	6150	ppb	.029	.011	.000536
7.6		CARB 410A	315	ppb	.00156	.000837	.0000202
3.18		TO-14	181	ppb	.00768	.000325	.0000131
7.7		CARB 410A	630	ppb	.0047	.00128	.0000226
7.5		CARB 410A	425	ppb	.00209	.00106	.0000272
7.8		CARB 410A	550	ppb	.0041	.00136	.0000197
3.2		TO-14	14.2	ppb	< .00131	< .0000942	< .000000727
29.2x		TO-14	210	ppb	.0119	.00114	.0000131
7.10		CARB 410A	580	ppb	.00286	.00155	.0000387
3.20		TO-14	213	ppb	.00755	.000383	.0000145
3.19		TO-14	53.9	ppb	< .00201	< .0000989	< .00000344
29.7x		TO-14	80	ppb	.0047	.000453	.00000381
7.12		CARB 410A	525	ppb	.000444	.00128	.00000213
7.1		CARB 410A	995	ppb	.00468	.00209	.0000781
3.9		TO-14	290	ppb	.0284	.0013	.0000177
7.11		CARB 410A	560	ppb	.00276	.00112	.0000373
4		EPA Level 1 Protocol	282	ppb	.0107	.000953	.00000629
7.13		CARB 410A	830	ppb	.0366	.00445	.0000555
7.14		CARB 410A	2400	ppb	.0177	.0132	.000118
3.7		TO-14	95.7	ppb	.00984	.000401	.00000492
29.10x		TO-14	150	ppb	.0141	.000877	.00000768
CSU-2.1.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.13.2		Alternate Method 17/	10	ppb	.000228	.0000573	.000000518
CSU-2.2.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.15.2		Alternate Method 17/	20	ppb	.000479	.000118	.00000109

Fuel Pollutant ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-2.9.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.16.2	Alternate Method 17/	20	ppb	.000479	.000118	.00000109
CSU-2.10.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.13.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.12.2	Alternate Method 17/	20	ppb	.000449	.000133	.00000107
CSU-2.6.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.5.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.8.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.15.1	Alternate Method 17/	80	ppb	.00192	.000473	.00000436
CSU-2.13.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.3.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.12.1	Alternate Method 17/	90	ppb	.00199	.000589	.00000476
CSU-2.16.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.9.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.4.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.7.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.15.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.8.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.6.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.11.2	Alternate Method 17/	20	ppb	.00045	.000133	.00000108
CSU-2.11.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.1.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.16.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.12.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.16.1	Alternate Method 17/	90	ppb	.00212	.000524	.00000482
CSU-1.14.1	Alternate Method 17/	60	ppb	.00134	.000349	.00000305
CSU-2.14.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.12.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.13.1	Alternate Method 17/	80	ppb	.00186	.000465	.00000423
CSU-2.11.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.15.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.14.2	Alternate Method 17/	10	ppb	.00022	.0000573	.0000005

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-2.14.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.2.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.5.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.7.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.3.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.4.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.10.2		Alternate Method 17/	NR	ppb	NR	NR	NR
				Maximum:	**.0384**	**.0132**	**.000536**
				Average:	**.00604**	**.000894**	**.0000167**
Carbon Tetrachloride							
3.21		TO-14	5	ppb	<< .000307	<< .0000177	<< .00000059
3.13		TO-14	5	ppb	<< .00106	<< .0000331	<< .000000589
3.18		TO-14	5	ppb	<< .000418	<< .0000177	<< .000000715
3.12		TO-14	5	ppb	<< .00103	<< .0000322	<< .000000572
3.15		TO-14	5	ppb	<< .000948	<< .0000353	<< .000000592
3.2		TO-14	5	ppb	<< .000912	<< .0000655	<< .000000507
3.11		TO-14	5	ppb	<< .000987	<< .0000316	<< .000000494
3.10		TO-14	5	ppb	<< .00104	<< .0000331	<< .00000052
3.16		TO-14	5	ppb	<< .000465	<< .0000177	<< .000000715
3.1		TO-14	5	ppb	<< .000861	<< .000051	<< .000000538
3.20		TO-14	5	ppb	<< .000349	<< .0000177	<< .000000671
3.9		TO-14	5	ppb	<< .000966	<< .0000444	<< .000000604
3.14		TO-14	5	ppb	<< .000947	<< .0000367	<< .000000592
3.17		TO-14	5	ppb	<< .000406	<< .0000175	<< .000000625
3.8		TO-14	5	ppb	<< .000999	<< .0000423	<< .000000555
3.3		TO-14	5	ppb	<< .000981	<< .0000657	<< .00000049
3.19		TO-14	5	ppb	<< .000368	<< .0000181	<< .000000629
3.7		TO-14	5	ppb	<< .00101	<< .0000413	<< .000000505
				Maximum:	**.00106**	**.0000657**	**.000000715**
				Average:	**.000781**	**.0000344**	**.000000584**
Chlorobenzene							

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
4		EPA Level 1 Protocol	13	ppb	.00071	.0000634	.000000418
3.9		TO-14	5	ppb	<< .000706	<< .0000324	<< .000000441
3.13		TO-14	5	ppb	<< .000774	<< .0000242	<< .00000043
3.19		TO-14	5	ppb	<< .000269	<< .0000132	<< .00000046
3.12		TO-14	5	ppb	<< .000755	<< .0000235	<< .000000419
3.11		TO-14	5	ppb	<< .000721	<< .0000231	<< .00000036
3.2		TO-14	5	ppb	<< .000667	<< .0000478	<< .000000371
3.21		TO-14	5	ppb	<< .000224	<< .000013	<< .000000431
3.14		TO-14	5	ppb	<< .000692	<< .0000268	<< .000000432
3.8		TO-14	5	ppb	<< .00073	<< .0000309	<< .000000406
3.3		TO-14	5	ppb	<< .000716	<< .000048	<< .000000358
3.7		TO-14	5	ppb	<< .000741	<< .0000302	<< .00000037
3.1		TO-14	5	ppb	<< .000629	<< .0000373	<< .000000393
3.16		TO-14	5	ppb	<< .00034	<< .0000129	<< .000000523
3.17		TO-14	5	ppb	<< .000297	<< .0000128	<< .000000457
3.15		TO-14	5	ppb	<< .000693	<< .0000258	<< .000000433
3.20		TO-14	5	ppb	<< .000255	<< .000013	<< .00000049
3.10		TO-14	5	ppb	<< .000762	<< .0000242	<< .000000381
3.18		TO-14	5	ppb	<< .000305	<< .0000129	<< .000000521
				Maximum:	**.000774**	**.0000634**	**.000000523**
				Average:	**.000578**	**.0000271**	**.000000426**
Chloroethane							
4		EPA Level 1 Protocol	.67	ppb	.000021	.00000187	.000000012
				Maximum:	**.000021**	**.00000187**	**.0000000124**
				Average:	**.000021**	**.00000187**	**.0000000124**
Chloroform							
3.8		TO-14	5	ppb	<< .000775	<< .0000328	<< .000000431
3.13		TO-14	5	ppb	<< .000823	<< .0000257	<< .000000457
3.10		TO-14	5	ppb	<< .00081	<< .0000257	<< .000000405
3.17		TO-14	5	ppb	<< .000315	<< .0000136	<< .000000485
3.11		TO-14	5	ppb	<< .000766	<< .0000245	<< .000000383

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
3.16		TO-14	5	ppb	<< .000361	<< .0000137	<< .000000555
3.15		TO-14	5	ppb	<< .000736	<< .0000274	<< .00000046
3.21		TO-14	5	ppb	<< .000238	<< .0000138	<< .000000458
3.12		TO-14	5	ppb	<< .000802	<< .000025	<< .000000446
3.1		TO-14	5	ppb	<< .000668	<< .0000396	<< .000000418
3.9		TO-14	5	ppb	<< .000749	<< .0000344	<< .000000468
3.2		TO-14	5	ppb	<< .000708	<< .0000508	<< .000000393
3.20		TO-14	5	ppb	<< .000271	<< .0000138	<< .000000521
3.3		TO-14	5	ppb	<< .000761	<< .000051	<< .00000038
3.7		TO-14	5	ppb	<< .000787	<< .0000321	<< .000000394
3.18		TO-14	5	ppb	<< .000324	<< .0000137	<< .000000554
3.19		TO-14	5	ppb	<< .000285	<< .000014	<< .000000487
3.14		TO-14	5	ppb	<< .000735	<< .0000285	<< .000000459
				Maximum:	**.000823**	**.000051**	**.000000555**
				Average:	**.000606**	**.0000267**	**.000000453**
Ethylbenzene							
29.42x		TO-14	10	ppb	.000641	.0000407	.000000356
CSU-1.1.1		Alternate Method 17/	10	ppb	<< .000297	<< .0000791	<< .000000675
CSU-1.5.1		Alternate Method 17/	10	ppb	<< .000319	<< .0000859	<< .000000725
31.11x		TO-14	50	ppb	.0028	.000365	.00000338
3.2		TO-14	5	ppb	<< .000628	<< .0000451	<< .000000349
3.18		TO-14	9.33	ppb	< .000539	< .0000227	< .000000921
31.12x		TO-14	30	ppb	.00163	.000212	.00000203
CSU-1.5.2		Alternate Method 17/	10	ppb	<< .000343	<< .0000874	<< .00000078
3.1		TO-14	5	ppb	<< .000593	<< .0000352	<< .00000037
CSU-1.2/7.1		Alternate Method 17/	10	ppb	<< .000258	<< .0000977	<< .000000862
29.45x		TO-14	4	ppb	.00031	.0000205	.000000189
CSU-1.6.1		Alternate Method 17/	10	ppb	<< .000269	<< .0000759	<< .000000611
3.16		TO-14	5	ppb	<< .00032	<< .0000122	<< .000000492
CSU-1.1.2		Alternate Method 17/	10	ppb	<< .000314	<< .0000799	<< .000000714
31.8x		TO-14	30	ppb	.00191	.00019	.00000167

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-1.2/7.2	Alternate Method 17/	10	ppb	<< .000302	<< .0000977	<< .00000101
	3.14	TO-14	11.1	ppb	.00145	.0000563	.000000908
	25.2	CARB 410A	10.7	ppb	.00292	.0000742	.00000076
	CSU-1.11.1	Alternate Method 17/	10	ppb	<< .000295	<< .0000873	<< .000000706
	3.7	TO-14	5	ppb	<< .000698	<< .0000284	<< .000000349
	CSU-1.3.2	Alternate Method 17/	10	ppb	<< .000294	<< .000108	<< .000000968
	11.3	CARB 410A	2.5	ppb	<< .000363	<< .0000292	<< .000000825
	31.16x	TO-14	20	ppb	.00105	.00014	.00000148
	11.1	CARB 410A	2.5	ppb	<< .0000366	<< .0000102	<< .000000020
	3.8	TO-14	5.63	ppb	.000775	.0000328	.000000431
	25.1	CARB 410A	3.33	ppb	.0000488	.00000818	.000000083
	3.10	TO-14	7.8	ppb	.00112	.0000355	.00000056
	CSU-1.4.1	Alternate Method 17/	10	ppb	<< .000244	<< .0000803	<< .000000584
	25.4	CARB 410A	11.3	ppb	.000477	.0000515	.000000454
	11.2	CARB 410A	2.5	ppb	<< .0000229	<< .00000772	<< .000000052
	29.10x	TO-14	7	ppb	.000894	.0000556	.000000487
	CSU-1.4.2	Alternate Method 17/	10	ppb	<< .000276	<< .0000816	<< .00000066
	29.39x	TO-14	10	ppb	.000603	.0000389	.000000343
	CSU-1.3.1	Alternate Method 17/	10	ppb	<< .000244	<< .000103	<< .000000804
	3.3	TO-14	5	ppb	<< .000675	<< .0000452	<< .000000337
	3.21	TO-14	5	ppb	<< .000211	<< .0000122	<< .000000406
	3.19	TO-14	5	ppb	<< .000253	<< .0000125	<< .000000432
	CSU-1.9.2	Alternate Method 17/	10	ppb	<< .000312	<< .0000791	<< .000000709
	CSU-1.10.1	Alternate Method 17/	10	ppb	<< .000318	<< .0000795	<< .000000723
	25.3	CARB 410A	9	ppb	.000343	.0000351	.000000361
	3.20	TO-14	6.37	ppb	< .000306	< .0000155	< .000000588
	3.9	TO-14	14.7	ppb	.00195	.0000896	.00000122
	29.2x	TO-14	6	ppb	.000463	.0000442	.000000508
	4	EPA Level 1 Protocol	5	ppb	.000257	.000023	.000000151
	31.3x	TO-14	20	ppb	.00273	.000158	.00000139
	3.13	TO-14	5	ppb	<< .00073	<< .0000228	<< .000000406
	CSU-1.10.2	Alternate Method 17/	10	ppb	<< .000318	<< .0000795	<< .000000723

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-1.6.2	Alternate Method 17/	10	ppb	<< .000289	<< .000074	<< .000000657
	CSU-1.8.1	Alternate Method 17/	10	ppb	<< .000315	<< .000094	<< .000000754
	3.11	TO-14	5	ppb	<< .000679	<< .0000218	<< .00000034
	3.12	TO-14	10.5	ppb	.00149	.0000465	.000000831
	29.7x	TO-14	4	ppb	.00032	.0000308	.000000259
	3.17	TO-14	5	ppb	<< .00028	<< .000012	<< .000000431
	CSU-1.8.2	Alternate Method 17/	10	ppb	<< .000303	<< .0000906	<< .000000725
	3.15	TO-14	5	ppb	<< .000653	<< .0000243	<< .000000408
	CSU-1.9.1	Alternate Method 17/	10	ppb	<< .000308	<< .0000779	<< .0000007
	CSU-2.6.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.7.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.16.1	Alternate Method 17/	10	ppb	<< .00032	<< .0000791	<< .000000727
	CSU-1.15.2	Alternate Method 17/	10	ppb	<< .000325	<< .0000804	<< .000000739
	CSU-2.8.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.8.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.7.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.16.2	Alternate Method 17/	10	ppb	<< .000325	<< .0000804	<< .000000739
	CSU-2.15.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.2.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.1.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.13.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.12.1	Alternate Method 17/	10	ppb	<< .0003	<< .0000889	<< .000000718
	CSU-2.14.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.3.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.14.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.12.2	Alternate Method 17/	10	ppb	<< .000305	<< .0000905	<< .00000073
	CSU-2.11.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.4.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.15.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.13.2	Alternate Method 17/	10	ppb	<< .000311	<< .0000778	<< .000000707
	CSU-2.3.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.16.1	Alternate Method 17/	NR	ppb	NR	NR	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.6.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.16.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.11.2	Alternate Method 17/	10	ppb	<< .000306	<< .0000905	<< .000000732
	CSU-1.13.1	Alternate Method 17/	10	ppb	<< .000315	<< .0000791	<< .000000716
	CSU-2.2.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.14.2	Alternate Method 17/	10	ppb	<< .000299	<< .0000778	<< .00000068
	CSU-2.5.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.9.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.9.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.15.1	Alternate Method 17/	10	ppb	<< .000325	<< .0000804	<< .000000739
	CSU-2.10.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.5.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.13.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.10.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.11.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.12.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.12.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.4.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.1.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.14.1	Alternate Method 17/	10	ppb	<< .000303	<< .0000791	<< .000000689
				Maximum:	**.00292**	**.000365**	**.00000338**
				Average:	**.0006**	**.0000694**	**.000000695**
Ethylene Dibromide							
	3.12	TO-14	5	ppb	<< .00125	<< .0000389	<< .000000694
	3.8	TO-14	5	ppb	<< .00121	<< .0000511	<< .000000672
	3.18	TO-14	5	ppb	<< .000505	<< .0000213	<< .000000863
	3.7	TO-14	5	ppb	<< .00122	<< .0000499	<< .00000061
	3.3	TO-14	5	ppb	<< .00118	<< .0000794	<< .000000592
	3.21	TO-14	5	ppb	<< .000371	<< .0000214	<< .000000713
	3.16	TO-14	5	ppb	<< .000562	<< .0000213	<< .000000865
	3.1	TO-14	5	ppb	<< .00104	<< .0000616	<< .00000065

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
3.14		TO-14	5	ppb	<< .00114	<< .0000444	<< .000000712
3.11		TO-14	5	ppb	<< .00119	<< .0000382	<< .000000595
3.15		TO-14	5	ppb	<< .00115	<< .0000426	<< .000000719
3.10		TO-14	5	ppb	<< .00126	<< .0000399	<< .00000063
3.9		TO-14	5	ppb	<< .00117	<< .0000536	<< .000000731
3.13		TO-14	5	ppb	<< .00128	<< .0000399	<< .000000711
3.17		TO-14	5	ppb	<< .000491	<< .0000211	<< .000000755
3.2		TO-14	5	ppb	<< .0011	<< .0000791	<< .000000611
3.19		TO-14	5	ppb	<< .000444	<< .0000219	<< .000000759
3.20		TO-14	5	ppb	<< .000422	<< .0000214	<< .000000812
				Maximum:	**.00128**	**.0000794**	**.000000865**
				Average:	**.000944**	**.0000415**	**.000000705**
Formaldehyde							
29.6x		FTIR	18800	ppb	.446	.0445	.00041
31.6x		FTIR	15300	ppb	.277	.0267	.000242
31.1x		FTIR	27100	ppb	.765	.0681	.000776
29.34x		FTIR	31100	ppb	1.26	.0374	.000297
31.18x		FTIR	52000	ppb	1.37	.0877	.000703
29.35x		FTIR	35300	ppb	1.24	.0444	.000339
31.19x		FTIR	53400	ppb	1.43	.09	.000742
29.30ax		FTIR	730	ppb	<< .00254	<< .000484	<< .00000298
29.28x		FTIR	22900	ppb	.0765	.0154	.000097
7.2		CARB 430	85300	ppb	.154	.074	.00257
CSU-1.1.2		FTIR	9480	ppb	.0844	.0214	.000192
29.29x		FTIR	24300	ppb	.0535	.0163	.000115
31.4x		FTIR	11700	ppb	.463	.0294	.000279
29.31x		FTIR	730	ppb	<< .00245	<< .000484	<< .00000297
29.7x		FTIR	17800	ppb	.402	.0388	.000326
29.33x		FTIR	625	ppb	<< .0255	<< .000765	<< .0000062
31.3x		FTIR	12100	ppb	.469	.027	.000239
29.10x		FTIR	18300	ppb	.662	.0412	.000361

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
11.2		CARB 430	4530	ppb	.0118	.00396	.0000267
7.14		CARB 430	34100	ppb	.0969	.0724	.000646
31.5x		FTIR	16000	ppb	.322	.0381	.000361
CSU-1.1.1		FTIR	17800	ppb	.15	.0399	.000341
3.17		CARB 430	700	ppb	.0111	.000477	.0000171
29.47x		FTIR	49400	ppb	1.15	.0728	.000676
7.12		CARB 430	19900	ppb	.00648	.0186	.0000312
31.13x		FTIR	36200	ppb	.514	.065	.000734
31.8x		FTIR	12700	ppb	.229	.0228	.0002
31.12x		FTIR	39500	ppb	.607	.0791	.000755
29.48x		FTIR	48200	ppb	1.18	.0718	.000702
7.1		CARB 430	22200	ppb	.0402	.0179	.000671
31.7x		FTIR	13500	ppb	.244	.0235	.000213
11.3		CARB 430	4620	ppb	.19	.0153	.000432
29.49x		FTIR	43100	ppb	1.03	.0629	.000585
7.11		CARB 430	34700	ppb	.0658	.0267	.000888
29.45x		FTIR	45800	ppb	1.01	.0664	.000616
31.11x		FTIR	50800	ppb	.805	.105	.000972
31.9x		FTIR	52800	ppb	.696	.0869	.000833
29.46x		FTIR	41400	ppb	.952	.0598	.000517
29.8x		FTIR	18000	ppb	.4	.0386	.000324
29.16x		FTIR	15400	ppb	.469	.0352	.000274
CSU-1.13.1		FTIR	19400	ppb	.173	.0434	.000393
31.16x		FTIR	32800	ppb	.486	.0648	.000686
29.17x		FTIR	29800	ppb	1.82	.0659	.000542
29.36x		FTIR	33000	ppb	1.32	.0461	.00037
29.5x		FTIR	26600	ppb	.573	.0631	.000682
31.17x		FTIR	108000	ppb	2.87	.163	.00141
29.51x		FTIR	44300	ppb	.947	.0626	.000544
29.37x		FTIR	33100	ppb	1.3	.0402	.000316
29.44x		FTIR	33400	ppb	.775	.0479	.000435
29.41x		FTIR	10000	ppb	.175	.011	.0000962

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
7.13		CARB 430	16200	ppb	.275	.0334	.000417
29.3x		FTIR	23000	ppb	.468	.0526	.000642
29.38x		FTIR	31200	ppb	1.22	.0372	.000293
29.9x		FTIR	18100	ppb	.673	.0421	.000367
31.15x		FTIR	36200	ppb	.538	.0695	.000743
11.1		CARB 430	4740	ppb	.0196	.0055	.0000109
29.4x		FTIR	33300	ppb	.74	.0878	.000987
31.14x		FTIR	37400	ppb	.55	.0672	.000776
29.52x		FTIR	50200	ppb	1.07	.0725	.000669
29.50x		FTIR	45600	ppb	1.07	.0651	.000608
CSU-1.8.1		FTIR	17100	ppb	.152	.0454	.000364
29.2x		FTIR	17900	ppb	.391	.0373	.000429
CSU-1.11.1		FTIR	17400	ppb	.145	.043	.000347
CSU-1.4.1		FTIR	16100	ppb	.111	.0366	.000266
7.6		CARB 430	40500	ppb	.0767	.0414	.000996
29.18x		FTIR	30700	ppb	1.7	.0668	.000511
31.2x		FTIR	2600	ppb	.0642	.00378	.0000647
3.2		CARB 430	26000	ppb	.924	.0663	.000513
CSU-1.8.2		FTIR	9370	ppb	.0804	.024	.000192
25.3		CARB 430	35.5	ppb	< .000383	< .0000393	< .000000403
3.12		CARB 430	4800	ppb	.195	.00618	.000108
CSU-1.4.2		FTIR	8510	ppb	.0665	.0197	.000159
7.7		CARB 430	24000	ppb	.0689	.0187	.000331
3.1		CARB 430	41500	ppb	1.39	.0829	.000868
25.4		CARB 430	60.6	ppb	< .000722	< .0000781	< .000000687
29.11x		FTIR	22400	ppb	.917	.0569	.000599
29.13x		FTIR	18900	ppb	.607	.0463	.000388
26		CARB 430	21	ppb	.0000949	.000016	.000000119
29.12x		FTIR	16500	ppb	.538	.0377	.000299
CSU-1.6.2		FTIR	8530	ppb	.0698	.0179	.000159
CSU-1.5.1		FTIR	16900	ppb	.152	.041	.000345
27		CARB 430	5980	ppb	.228	.00957	.0000651

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
3.7		CARB 430	15000	ppb	.593	.0242	.000296
3.11		CARB 430	4300	ppb	.165	.0053	.0000825
7.4		CARB 430	6840	ppb	.0124	.00472	.00023
7.8		CARB 430	41400	ppb	.119	.0396	.000572
CSU-1.5.2		FTIR	10100	ppb	.098	.025	.000223
3.16		CARB 430	7200	ppb	.131	.00495	.000202
CSU-1.6.1		FTIR	17900	ppb	.136	.0384	.000309
29.23x		FTIR	22000	ppb	.705	.0551	.000421
20.2		CARB 430	10	ppb	<< .0000922	<< .0000131	<< .000000157
29.1x		FTIR	18600	ppb	.371	.0381	.000433
29.26x		FTIR	8190	ppb	.256	.0205	.000144
25.2		CARB 430	5810	ppb	.45	.0115	.000117
7.10		CARB 430	25500	ppb	.0484	.0263	.000654
CSU-1.2/7.2		FTIR	13700	ppb	.117	.038	.000391
29.14x		FTIR	16700	ppb	.487	.0409	.000315
21		CARB 430	18000	ppb	.033	.022	.000033
CSU-1.9.2		FTIR	9270	ppb	.082	.0208	.000186
29.21x		FTIR	27900	ppb	1.69	.066	.000525
7.3		CARB 430	30100	ppb	.0853	.0262	.000536
CSU-1.2/7.1		FTIR	20800	ppb	.152	.0577	.000508
20.1		CARB 430	2310	ppb	< .0155	< .0022	< .0000264
CSU-1.10.1		FTIR	18500	ppb	.166	.0415	.000377
29.20x		FTIR	28200	ppb	1.78	.0667	.000559
29.27ax		FTIR	4810	ppb	.148	.0123	.0000924
CSU-1.9.1		FTIR	18100	ppb	.158	.04	.000359
3.3		CARB 430	14900	ppb	.568	.0382	.000284
7.5		CARB 430	19400	ppb	.0368	.0186	.000478
CSU-1.3.2		FTIR	13500	ppb	.112	.0414	.000369
29.19x		FTIR	26500	ppb	1.46	.0616	.000474
25.1		CARB 430	381	ppb	.00158	.000265	.0000027
29.25x		FTIR	25500	ppb	.719	.0654	.000506
29.22x		FTIR	20300	ppb	.656	.0518	.000376

Fuel Pollutant ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.3.1	FTIR	18300	ppb	.127	.0537	.000418
29.24x	FTIR	15200	ppb	.471	.0376	.000275
CSU-1.10.2	FTIR	9210	ppb	.0829	.0207	.000188
29.15x	FTIR	14400	ppb	.424	.0314	.000233
CSU-2.4.1	FTIR	62800	ppb	.38297	.07955	.00052034
CSU-2.1.1	FTIR	64200	ppb	.50043	.081439	.00067993
CSU-2.6.1	FTIR	67700	ppb	.49992	.080745	.00067924
CSU-2.1.2	FTIR	20500	ppb	.15988	.026019	.00021723
CSU-2.5.1	FTIR	74000	ppb	.64275	.10034	.0008733
CSU-2.5.2	FTIR	25100	ppb	.21678	.033834	.00029454
CSU-2.3.2	FTIR	12100	ppb	.057051	.015352	.00011074
CSU-2.6.2	FTIR	16500	ppb	.12105	.019551	.00016447
CSU-2.2.1	FTIR	68800	ppb	.39303	.087335	.00076287
CSU-2.4.2	FTIR	18500	ppb	.11272	.023415	.00015315
CSU-2.2.2	FTIR	17400	ppb	.099456	.022102	.00019304
CSU-2.3.1	FTIR	65700	ppb	.31006	.083433	.00060182
CSU-1.15.1	FTIR	19200	ppb	.177	.0437	.000402
CSU-1.11.2	FTIR	11400	ppb	.0987	.0292	.000236
CSU-2.11.1	FTIR	63800	ppb	.47748	.080941	.00064875
CSU-2.9.2	FTIR	20000	ppb	.15491	.02515	.00021048
CSU-2.13.2	FTIR	17700	ppb	.14808	.022468	.0002012
CSU-1.15.2	FTIR	9950	ppb	.0916	.0226	.000208
CSU-2.16.2	FTIR	19900	ppb	.15732	.025242	.00021375
CSU-2.14.1	FTIR	63800	ppb	.48798	.080988	.00066302
CSU-2.10.2	FTIR	20800	ppb	.15401	.026166	.00020925
CSU-1.12.2	FTIR	11100	ppb	.0962	.0285	.00023
CSU-2.13.1	FTIR	65100	ppb	.57791	.087686	.0007852
CSU-2.16.1	FTIR	65400	ppb	.51819	.083146	.00070406
CSU-2.12.1	FTIR	65200	ppb	.49744	.083402	.00067587
CSU-1.14.1	FTIR	16800	ppb	.145	.0377	.00033
CSU-2.11.2	FTIR	20500	ppb	.15327	.025983	.00020825
CSU-2.12.2	FTIR	20100	ppb	.15233	.02555	.00020697

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-1.14.2	FTIR	9020	ppb	.0763	.0199	.000173
	CSU-2.10.1	FTIR	64700	ppb	.48242	.081961	.00065546
	CSU-2.14.2	FTIR	21300	ppb	.16374	.027174	.00022247
	CSU-1.16.2	FTIR	9670	ppb	.089	.022	.000202
	CSU-2.7.2	FTIR	14900	ppb	.079096	.017767	.00015352
	CSU-2.9.1	FTIR	64200	ppb	.49672	.08067	.00067489
	CSU-2.15.1	FTIR	65400	ppb	.52961	.083771	.00071958
	CSU-2.15.2	FTIR	19800	ppb	.15939	.025203	.00021656
	CSU-2.8.1	FTIR	65600	ppb	.43246	.088684	.00058758
	CSU-2.7.1	FTIR	75200	ppb	.4024	.090362	.00078106
	CSU-2.8.2	FTIR	22600	ppb	.14932	.030621	.00020288
	CSU-1.16.1	FTIR	19200	ppb	.174	.043	.000395
	CSU-1.13.2	FTIR	10200	ppb	.0901	.0226	.000205
	CSU-1.12.1	FTIR	17400	ppb	.148	.0439	.000354
				Maximum:	**2.87**	**.163**	**.00257**
				Average:	**.425**	**.0421**	**.000404**
Hexane							
	CSU-1.10.2	Alternate Method 17/	75	ppb	<< .00194	<< .000484	<< .00000441
	CSU-1.6.2	Alternate Method 17/	75	ppb	<< .00176	<< .00045	<< .000004
	CSU-1.8.1	Alternate Method 17/	300	ppb	.00767	.00229	.0000183
	CSU-1.10.1	Alternate Method 17/	30	ppb	.000774	.000194	.00000176
	CSU-1.6.1	Alternate Method 17/	45	ppb	<< .000981	<< .000277	<< .00000223
	CSU-1.9.1	Alternate Method 17/	45	ppb	<< .00112	<< .000284	<< .00000255
	CSU-1.8.2	Alternate Method 17/	75	ppb	<< .00185	<< .000551	<< .00000443
	CSU-1.9.2	Alternate Method 17/	75	ppb	<< .0019	<< .000481	<< .00000432
	CSU-1.11.1	Alternate Method 17/	45	ppb	<< .00108	<< .000319	<< .00000258
	CSU-1.13.1	Alternate Method 17/	45	ppb	<< .00115	<< .000289	<< .00000261
	CSU-1.5.2	Alternate Method 17/	75	ppb	<< .00208	<< .000532	<< .00000473
	CSU-1.4.1	Alternate Method 17/	120	ppb	.00237	.000782	.00000567
	CSU-1.5.1	Alternate Method 17/	80	ppb	.00207	.000557	.0000047
	CSU-1.1.2	Alternate Method 17/	75	ppb	<< .00191	<< .000486	<< .00000434

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-1.3.2	Alternate Method 17/	75	ppb	<< .00179	<< .000659	<< .0000059
	CSU-1.3.1	Alternate Method 17/	30	ppb	.000594	.000252	.00000196
	CSU-1.2/7.1	Alternate Method 17/	90	ppb	.00189	.000714	.00000632
	CSU-1.4.2	Alternate Method 17/	75	ppb	<< .00168	<< .000497	<< .00000402
	CSU-1.2/7.2	Alternate Method 17/	75	ppb	<< .00184	<< .000595	<< .00000615
	CSU-1.1.1	Alternate Method 17/	45	ppb	<< .00108	<< .000289	<< .00000245
	CSU-1.14.1	Alternate Method 17/	45	ppb	<< .00111	<< .000289	<< .00000252
	CSU-1.11.2	Alternate Method 17/	75	ppb	<< .00186	<< .000551	<< .00000445
	CSU-2.12.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.4.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.15.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.2.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.13.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.13.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.12.2	Alternate Method 17/	75	ppb	<< .00186	<< .000551	<< .00000445
	CSU-2.4.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.14.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.12.1	Alternate Method 17/	45	ppb	<< .0011	<< .000325	<< .00000263
	CSU-2.12.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.14.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.3.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.5.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.6.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.7.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.16.2	Alternate Method 17/	75	ppb	<< .00198	<< .000489	<< .0000045
	CSU-2.7.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.8.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.1.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.16.1	Alternate Method 17/	100	ppb	.0026	.000642	.00000591
	CSU-2.6.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.8.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.9.1	Alternate Method 17/	NR	ppb	NR	NR	NR

Fuel Pollutant ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-2.16.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.14.2	Alternate Method 17/	75	ppb	<< .00182	<< .000474	<< .00000414
CSU-2.9.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.2.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.10.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.15.1	Alternate Method 17/	10	ppb	.000264	.0000652	.0000006
CSU-2.10.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.1.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.13.2	Alternate Method 17/	75	ppb	<< .00189	<< .000474	<< .0000043
CSU-2.5.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.11.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.15.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.11.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.3.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.16.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.15.2	Alternate Method 17/	75	ppb	<< .00198	<< .000489	<< .0000045
			Maximum:	**.00767**	**.00229**	**.0000183**
			Average:	**.0018**	**.000511**	**.00000438**
m/p-Xylene						
CSU-1.2/7.1	Alternate Method 17/	5	ppb	<< .000129	<< .0000489	<< .000000431
CSU-1.3.2	Alternate Method 17/	5	ppb	<< .000147	<< .0000542	<< .000000484
CSU-1.4.1	Alternate Method 17/	5	ppb	<< .000122	<< .0000401	<< .000000292
CSU-1.3.1	Alternate Method 17/	5	ppb	<< .000122	<< .0000517	<< .000000402
CSU-1.10.1	Alternate Method 17/	5	ppb	<< .000159	<< .0000398	<< .000000361
CSU-1.9.1	Alternate Method 17/	5	ppb	<< .000154	<< .0000389	<< .00000035
CSU-1.8.2	Alternate Method 17/	5	ppb	<< .000152	<< .0000453	<< .000000364
CSU-1.11.1	Alternate Method 17/	5	ppb	<< .000148	<< .0000437	<< .000000354
CSU-1.8.1	Alternate Method 17/	5	ppb	<< .000157	<< .000047	<< .000000376
CSU-1.5.2	Alternate Method 17/	5	ppb	<< .000171	<< .0000437	<< .000000389
CSU-1.4.2	Alternate Method 17/	5	ppb	<< .000138	<< .0000408	<< .00000033
CSU-1.1.1	Alternate Method 17/	5	ppb	<< .000149	<< .0000395	<< .000000339

Fuel Pollutant ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.9.2	Alternate Method 17/	5	ppb	<< .000156	<< .0000396	<< .000000355
CSU-1.6.2	Alternate Method 17/	5	ppb	<< .000145	<< .000037	<< .00000033
CSU-1.2/7.2	Alternate Method 17/	5	ppb	<< .000151	<< .0000489	<< .000000505
CSU-1.5.1	Alternate Method 17/	5	ppb	<< .000159	<< .0000429	<< .000000361
CSU-1.6.1	Alternate Method 17/	5	ppb	<< .000134	<< .000038	<< .000000305
CSU-1.10.2	Alternate Method 17/	5	ppb	<< .000159	<< .0000398	<< .000000361
CSU-1.1.2	Alternate Method 17/	5	ppb	<< .000157	<< .00004	<< .000000357
CSU-1.13.2	Alternate Method 17/	5	ppb	<< .000155	<< .0000389	<< .000000352
CSU-1.13.1	Alternate Method 17/	5	ppb	<< .000158	<< .0000395	<< .000000359
CSU-1.12.1	Alternate Method 17/	5	ppb	<< .00015	<< .0000445	<< .000000359
CSU-2.2.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.12.2	Alternate Method 17/	5	ppb	<< .000153	<< .0000453	<< .000000366
CSU-1.11.2	Alternate Method 17/	5	ppb	<< .000153	<< .0000453	<< .000000366
CSU-2.1.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.16.2	Alternate Method 17/	5	ppb	<< .000163	<< .0000402	<< .00000037
CSU-1.14.2	Alternate Method 17/	5	ppb	<< .000149	<< .0000389	<< .000000339
CSU-1.15.1	Alternate Method 17/	5	ppb	<< .000163	<< .0000402	<< .00000037
CSU-2.1.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.15.2	Alternate Method 17/	5	ppb	<< .000163	<< .0000402	<< .00000037
CSU-1.16.1	Alternate Method 17/	5	ppb	<< .00016	<< .0000396	<< .000000364
CSU-1.14.1	Alternate Method 17/	5	ppb	<< .000152	<< .0000395	<< .000000345
CSU-2.5.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.9.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.14.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.15.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.7.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.12.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.8.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.12.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.15.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.4.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.8.1	Alternate Method 17/	NR	ppb	NR	NR	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.13.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.14.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.6.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.7.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.13.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.6.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.5.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.11.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.10.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.3.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.11.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.3.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.16.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.2.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.9.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.16.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.4.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.10.2	Alternate Method 17/	NR	ppb	NR	NR	NR
				Maximum:	**.000171**	**.0000542**	**.000000505**
				Average:	**.000151**	**.0000424**	**.000000367**
Methanol							
	29.6x	FTIR	670	ppb	.0169	.00169	.0000156
	29.5x	FTIR	1440	ppb	.0331	.00364	.0000394
	31.4x	FTIR	298	ppb	<< .0126	<< .0008	<< .00000759
	31.5x	FTIR	832	ppb	.0179	.00212	.0000201
	31.16x	FTIR	1750	ppb	.0277	.00369	.0000391
	31.9x	FTIR	2180	ppb	.0306	.00382	.0000366
	31.13x	FTIR	1850	ppb	.028	.00354	.00004
	31.14x	FTIR	1800	ppb	.0282	.00345	.0000398
	31.8x	FTIR	314	ppb	<< .00606	<< .000602	<< .0000053
	31.15x	FTIR	2050	ppb	.0325	.00419	.0000449

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
31.17x		FTIR	1880	ppb	.0533	.00302	.0000263
31.7x		FTIR	326	ppb	<< .0063	<< .000608	<< .00000551
29.4x		FTIR	1530	ppb	.0362	.0043	.0000483
31.11x		FTIR	1550	ppb	.0263	.00342	.0000318
29.1x		FTIR	1390	ppb	.0296	.00303	.0000346
31.12x		FTIR	2420	ppb	.0397	.00517	.0000494
31.18x		FTIR	562	ppb	<< .0158	<< .00101	<< .00000811
31.19x		FTIR	566	ppb	<< .0162	<< .00102	<< .00000841
31.6x		FTIR	374	ppb	<< .00722	<< .000697	<< .00000631
29.2x		FTIR	1610	ppb	.0375	.00358	.0000412
29.23x		FTIR	350	ppb	.012	.000935	.00000717
29.20x		FTIR	1470	ppb	.0989	.00371	.0000311
29.44x		FTIR	1470	ppb	.0364	.00225	.0000204
29.8x		FTIR	970	ppb	.023	.00222	.0000186
29.13x		FTIR	850	ppb	.0291	.00222	.0000186
29.21x		FTIR	1420	ppb	.0917	.00358	.0000285
29.22x		FTIR	880	ppb	.0303	.0024	.0000174
29.41x		FTIR	1130	ppb	.0211	.00133	.0000116
29.38x		FTIR	810	ppb	.0339	.00103	.00000815
29.37x		FTIR	910	ppb	.0381	.00118	.00000926
29.9x		FTIR	700	ppb	.0278	.00174	.0000151
29.19x		FTIR	1390	ppb	.0816	.00345	.0000265
29.35x		FTIR	970	ppb	.0363	.0013	.00000993
29.12x		FTIR	750	ppb	.0261	.00183	.0000145
29.34x		FTIR	770	ppb	.0333	.000989	.00000785
29.31x		FTIR	3440	ppb	.0123	.00243	.0000149
29.11x		FTIR	740	ppb	.0323	.00201	.0000211
29.30ax		FTIR	3140	ppb	.0117	.00222	.0000137
29.29x		FTIR	4260	ppb	.01	.00305	.0000215
29.28x		FTIR	4250	ppb	.0151	.00306	.0000192
31.3x		FTIR	331	ppb	<< .0137	<< .000787	<< .00000699
29.10x		FTIR	690	ppb	.0266	.00166	.0000145

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	29.24x	FTIR	690	ppb	.0228	.00182	.0000133
	29.25x	FTIR	990	ppb	.0298	.00271	.000021
	29.36x	FTIR	840	ppb	.0359	.00125	.0000101
	29.47x	FTIR	2460	ppb	.061	.00387	.0000359
	29.49x	FTIR	2230	ppb	.0571	.00347	.0000324
	29.7x	FTIR	920	ppb	.0222	.00214	.000018
	29.50x	FTIR	2250	ppb	.0565	.00343	.0000321
	29.51x	FTIR	2080	ppb	.0474	.00314	.0000272
	29.14x	FTIR	770	ppb	.0239	.00201	.0000154
	29.48x	FTIR	2570	ppb	.0669	.00408	.0000398
	29.18x	FTIR	1680	ppb	.0994	.0039	.0000299
	29.17x	FTIR	1590	ppb	.104	.00375	.000031
	29.52x	FTIR	2280	ppb	.0518	.00351	.0000324
	31.2x	FTIR	978	ppb	<< .0258	<< .00152	<< .000026
	29.16x	FTIR	750	ppb	.0244	.00183	.0000143
	29.15x	FTIR	760	ppb	.0239	.00176	.0000131
	29.46x	FTIR	2050	ppb	.0503	.00316	.0000273
	31.1x	FTIR	685	ppb	<< .0206	<< .00184	<< .0000209
	29.45x	FTIR	2300	ppb	.0539	.00356	.0000329
				Maximum:	**.104**	**.00517**	**.0000494**
				Average:	**.0348**	**.00248**	**.0000226**
Methylene Chloride							
	3.3	TO-14	35.7	ppb	< .00385	< .000261	< .00000192
	3.7	TO-14	4.7	ppb	< .000527	< .0000214	< .000000263
	3.11	TO-14	2.87	ppb	< .000312	< .00001	< .000000156
	3.10	TO-14	6.93	ppb	< .000798	< .0000253	< .000000399
	3.1	TO-14	20.7	ppb	.00196	.000117	.00000123
	3.17	TO-14	5	ppb	<< .000224	<< .00000965	<< .000000345
	3.8	TO-14	4.57	ppb	< .000504	< .0000213	< .00000028
	3.16	TO-14	13.3	ppb	< .000684	< .000026	< .00000105
	3.2	TO-14	8.57	ppb	.000864	.000062	.00000048

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
3.21		TO-14	5	ppb	<< .000169	<< .00000979	<< .000000325
3.18		TO-14	12.9	ppb	.000598	.0000252	.00000102
3.14		TO-14	5	ppb	<< .000523	<< .0000203	<< .000000327
3.15		TO-14	5	ppb	<< .000523	<< .0000195	<< .000000327
3.19		TO-14	57.3	ppb	.00233	.000115	.00000398
3.12		TO-14	5	ppb	<< .000571	<< .0000178	<< .000000317
3.20		TO-14	37	ppb	.00142	.0000725	.00000274
3.9		TO-14	5.33	ppb	< .000568	< .0000261	< .000000355
3.13		TO-14	5	ppb	<< .000585	<< .0000182	<< .000000325
				Maximum:	**.00385**	**.000261**	**.00000398**
				Average:	**.000945**	**.0000488**	**.00000088**
n-Hexane							
31.3x		TO-14	20	ppb	.00222	.000128	.00000113
31.8x		TO-14	70	ppb	.00362	.00036	.00000316
29.7x		TO-14	80	ppb	.00519	.000499	.0000042
29.10x		TO-14	140	ppb	.0145	.000903	.0000079
29.33x		TO-14	6	ppb	.000701	.000021	.00000017
29.39x		TO-14	760	ppb	.0372	.0024	.0000211
31.11x		TO-14	30	ppb	.00136	.000177	.00000164
31.16x		TO-14	110	ppb	.00467	.000623	.00000659
29.45x		TO-14	160	ppb	.0101	.000665	.00000616
29.37x		TO-14	2	ppb	.000225	.00000696	.000000054
29.23x		TO-14	110	ppb	.0101	.00079	.00000603
31.12x		TO-14	40	ppb	.00176	.00023	.00000219
29.42x		TO-14	740	ppb	.0385	.00244	.0000214
29.2x		TO-14	50	ppb	.00313	.000299	.00000344
				Maximum:	**.0385**	**.00244**	**.0000214**
				Average:	**.00952**	**.000682**	**.00000608**
Naphthalene							
7.14		EPA 18	25	ppb	<< .000303	<< .000226	<< .00000202
7.5		EPA 18	25	ppb	<< .000202	<< .000102	<< .00000262

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
20.1		CARB 410	10	ppb	<< .000294	<< .0000417	<< .000000502
7.3		EPA 18	25	ppb	<< .000303	<< .000093	<< .00000191
7.11		EPA 18	25	ppb	<< .000202	<< .000082	<< .00000273
4		EPA Level I Protocol	.08	ppb	.00000497	.000000444	.000000002
7.2		EPA 18	25	ppb	<< .000193	<< .0000925	<< .00000322
7.6		EPA 18	25	ppb	<< .000202	<< .000109	<< .00000262
25.2		CARB 429	2.77	ppb	.000912	.0000233	.000000237
25.3		CARB 429	3.8	ppb	.000175	.0000179	.000000184
25.4		CARB 429	38.3	ppb	.00195	.000211	.00000185
25.1		CARB 429	22	ppb	.00039	.0000652	.000000667
7.13		EPA 18	25	ppb	<< .00181	<< .00022	<< .00000274
7.4		EPA 18	25	ppb	<< .000193	<< .0000736	<< .00000357
7.12		EPA 18	25	ppb	<< .0000347	<< .0000998	<< .000000167
7.1		EPA 18	25	ppb	<< .000193	<< .0000862	<< .00000322
7.7		EPA 18	25	ppb	<< .000306	<< .0000833	<< .00000147
31.8x		SW-846 method 0010	.95	ug/dscf	.000486	.0000483	.000000425
7.8		EPA 18	25	ppb	<< .000306	<< .000102	<< .00000147
7.10		EPA 18	25	ppb	<< .000202	<< .00011	<< .00000273
20.2		CARB 410	10	ppb	<< .000393	<< .0000558	<< .000000672
				Maximum:	**.00195**	**.000226**	**.00000357**
				Average:	**.000431**	**.0000925**	**.00000167**
o-Xylene							
CSU-1.10.1		Alternate Method 17/	10	ppb	<< .000318	<< .0000795	<< .000000723
CSU-1.2/7.1		Alternate Method 17/	10	ppb	<< .000258	<< .0000977	<< .000000862
CSU-1.8.1		Alternate Method 17/	10	ppb	<< .000315	<< .000094	<< .000000754
CSU-1.11.1		Alternate Method 17/	10	ppb	<< .000295	<< .0000873	<< .000000706
CSU-1.1.2		Alternate Method 17/	3.75	ppb	<< .000118	<< .00003	<< .000000268
CSU-1.3.1		Alternate Method 17/	10	ppb	<< .000244	<< .000103	<< .000000804
CSU-1.2/7.2		Alternate Method 17/	3.75	ppb	<< .000113	<< .0000367	<< .000000378
CSU-1.4.2		Alternate Method 17/	3.75	ppb	<< .000104	<< .0000306	<< .000000249
CSU-1.5.2		Alternate Method 17/	3.75	ppb	<< .000128	<< .0000328	<< .000000291

Fuel Pollutant ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.6.1	Alternate Method 17/	10	ppb	<< .000269	<< :0000759	<< .000000611
CSU-1.9.1	Alternate Method 17/	10	ppb	<< .000308	<< .0000779	<< .0000007
CSU-1.10.2	Alternate Method 17/	3.75	ppb	<< .000119	<< .0000298	<< .00000027
CSU-1.8.2	Alternate Method 17/	3.75	ppb	<< .000114	<< .000034	<< .000000273
CSU-1.5.1	Alternate Method 17/	10	ppb	<< .000319	<< .0000859	<< .000000725
CSU-1.9.2	Alternate Method 17/	3.75	ppb	<< .000117	<< .0000297	<< .000000266
CSU-1.4.1	Alternate Method 17/	10	ppb	<< .000244	<< .0000803	<< .000000584
CSU-1.1.1	Alternate Method 17/	10	ppb	<< .000297	<< .0000791	<< .000000675
CSU-1.6.2	Alternate Method 17/	3.75	ppb	<< .000108	<< .0000278	<< .000000245
CSU-1.3.2	Alternate Method 17/	3.75	ppb	<< .00011	<< .0000406	<< .000000362
CSU-2.7.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.14.2	Alternate Method 17/	3.75	ppb	<< .000112	<< .0000292	<< .000000255
CSU-2.13.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.10.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.12.1	Alternate Method 17/	10	ppb	<< .0003	<< .0000889	<< .000000718
CSU-2.7.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.16.1	Alternate Method 17/	10	ppb	<< .00032	<< .0000791	<< .000000727
CSU-2.11.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.12.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.8.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.9.1	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.15.2	Alternate Method 17/	3.75	ppb	<< .000122	<< .0000302	<< .000000277
CSU-1.12.2	Alternate Method 17/	3.75	ppb	<< .000115	<< .0000339	<< .000000275
CSU-1.14.1	Alternate Method 17/	10	ppb	<< .000303	<< .0000791	<< .000000689
CSU-2.8.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.15.1	Alternate Method 17/	10	ppb	<< .000325	<< .0000804	<< .000000739
CSU-2.11.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.12.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.4.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.16.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.2.2	Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.13.1	Alternate Method 17/	10	ppb	<< .000315	<< .0000791	<< .000000716

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.3.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.16.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.3.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.2.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.15.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.4.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.1.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.6.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.15.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.5.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.14.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.11.2	Alternate Method 17/	3.75	ppb	<< .000115	<< .0000339	<< .000000275
	CSU-2.6.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.16.2	Alternate Method 17/	3.75	ppb	<< .000122	<< .0000302	<< .000000277
	CSU-2.9.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.13.2	Alternate Method 17/	3.75	ppb	<< .000116	<< .0000292	<< .000000264
	CSU-2.13.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.14.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.1.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.10.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.5.2	Alternate Method 17/	NR	ppb	NR	NR	NR
				Maximum:	**.000325**	**.000103**	**.000000862**
				Average:	**.000205**	**.0000582**	**.000000499**
PAH							
25.2		CARB 429	17	ug/dscm	.00106	.0000269	.000000275
25.3		CARB 429	22.7	ug/dscm	.000196	.0000201	.000000206
25.1		CARB 429	173	ug/dscm	.000578	.0000965	.000000988
25.4		CARB 429	253	ug/dscm	.00242	.000261	.0000023
7.13		NR	119	ug/dscm	.00162	.000197	.00000246
31.8x		SW-846 method 0010	1.4	ug/dscf	.000716	.0000712	.000000626

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
				Maximum:	**.00242**	**.000261**	**.00000246**
				Average:	**.0011**	**.000112**	**.00000114**
Styrene							
	3.19	TO-14	5	ppb	<< .000248	<< .0000122	<< .000000424
	3.7	TO-14	5	ppb	<< .000685	<< .0000279	<< .000000342
	29.2x	TO-14	5	ppb	.000379	.0000361	.000000416
	3.18	TO-14	5	ppb	<< .000282	<< .0000119	<< .000000482
	CSU-1.3.2	Alternate Method 17/	25	ppb	<< .000721	<< .000266	<< .00000237
	CSU-1.5.1	Alternate Method 17/	10	ppb	<< .000313	<< .0000842	<< .000000711
	3.21	TO-14	5	ppb	<< .000207	<< .000012	<< .000000398
	CSU-1.8.2	Alternate Method 17/	25	ppb	<< .000744	<< .000222	<< .00000178
	3.12	TO-14	5	ppb	<< .000698	<< .0000217	<< .000000388
	CSU-1.5.2	Alternate Method 17/	25	ppb	<< .00084	<< .000214	<< .00000191
	3.1	TO-14	5	ppb	<< .000582	<< .0000345	<< .000000364
	CSU-1.1.1	Alternate Method 17/	10	ppb	<< .000292	<< .0000776	<< .000000664
	CSU-1.4.1	Alternate Method 17/	10	ppb	<< .000239	<< .0000788	<< .000000572
	CSU-1.10.2	Alternate Method 17/	25	ppb	<< .00078	<< .000195	<< .00000177
	3.10	TO-14	5	ppb	<< .000705	<< .0000223	<< .000000352
	CSU-1.8.1	Alternate Method 17/	10	ppb	<< .000309	<< .0000922	<< .000000739
	3.16	TO-14	5	ppb	<< .000314	<< .0000119	<< .000000483
	3.8	TO-14	5	ppb	<< .000675	<< .0000286	<< .000000375
	3.11	TO-14	5	ppb	<< .000667	<< .0000214	<< .000000333
	3.9	TO-14	5	ppb	<< .000652	<< .00003	<< .000000408
	CSU-1.4.2	Alternate Method 17/	25	ppb	<< .000677	<< .0002	<< .00000162
	29.33x	TO-14	3	ppb	.000424	.0000127	.000000103
	3.2	TO-14	5	ppb	<< .000616	<< .0000442	<< .000000342
	3.20	TO-14	5	ppb	<< .000236	<< .000012	<< .000000454
	3.17	TO-14	5	ppb	<< .000274	<< .0000118	<< .000000422
	3.14	TO-14	5	ppb	<< .00064	<< .0000248	<< .0000004
	CSU-1.2/7.1	Alternate Method 17/	10	ppb	<< .000254	<< .0000959	<< .000000849
	CSU-1.2/7.2	Alternate Method 17/	25	ppb	<< .00074	<< .00024	<< .00000247

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.9.2		Alternate Method 17/	25	ppb	<< .000766	<< .000194	<< .00000174
CSU-1.6.2		Alternate Method 17/	25	ppb	<< .000709	<< .000182	<< .00000161
CSU-1.6.1		Alternate Method 17/	10	ppb	<< .000264	<< .0000745	<< .0000006
CSU-1.10.1		Alternate Method 17/	10	ppb	<< .000312	<< .000078	<< .000000709
29.7x		TO-14	3	ppb	.000235	.0000226	.00000019
CSU-1.11.1		Alternate Method 17/	10	ppb	<< .00029	<< .0000857	<< .000000694
CSU-1.3.1		Alternate Method 17/	10	ppb	<< .000239	<< .000101	<< .000000787
CSU-1.9.1		Alternate Method 17/	10	ppb	<< .000302	<< .0000764	<< .000000686
3.15		TO-14	5	ppb	<< .00064	<< .0000238	<< .0000004
29.10x		TO-14	10	ppb	.00125	.000078	.000000681
3.13		TO-14	5	ppb	<< .000716	<< .0000223	<< .000000398
3.3		TO-14	5	ppb	<< .000662	<< .0000444	<< .000000331
CSU-1.1.2		Alternate Method 17/	25	ppb	<< .000771	<< .000196	<< .00000175
CSU-1.13.1		Alternate Method 17/	10	ppb	<< .00031	<< .0000776	<< .000000705
CSU-2.11.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.12.1		Alternate Method 17/	10	ppb	<< .000294	<< .0000872	<< .000000703
CSU-2.16.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.14.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.14.1		Alternate Method 17/	10	ppb	<< .000298	<< .0000776	<< .000000677
CSU-2.11.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.12.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.15.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.13.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.13.2		Alternate Method 17/	25	ppb	<< .000762	<< .000191	<< .00000173
CSU-2.12.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.11.2		Alternate Method 17/	25	ppb	<< .00075	<< .000222	<< .00000179
CSU-2.13.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.15.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.14.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.12.2		Alternate Method 17/	25	ppb	<< .000749	<< .000222	<< .00000179
CSU-2.16.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.15.2		Alternate Method 17/	25	ppb	<< .000798	<< .000197	<< .00000181

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.1.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.6.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.5.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.7.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.4.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.16.1	Alternate Method 17/	10	ppb	<< .000314	<< .0000776	<< .000000714
	CSU-2.1.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.7.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.4.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.5.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.8.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.6.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.15.2	Alternate Method 17/	25	ppb	<< .000798	<< .000197	<< .00000181
	CSU-2.8.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.15.1	Alternate Method 17/	10	ppb	<< .000319	<< .0000789	<< .000000725
	CSU-2.10.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.3.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.9.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.14.2	Alternate Method 17/	25	ppb	<< .000733	<< .000191	<< .00000167
	CSU-2.3.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.2.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.10.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.2.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.9.2	Alternate Method 17/	NR	ppb	NR	NR	NR
				Maximum:	**.00125**	**.000266**	**.00000247**
				Average:	**.000528**	**.000095**	**.000000897**
Tetrachloroethane							
4		EPA Level 1 Protocol	.34	ppb	.0000277	.00000248	.000000016
				Maximum:	**.0000277**	**.00000248**	**.0000000163**
				Average:	**.0000277**	**.00000248**	**.0000000163**
Toluene							

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
7.12		CARB 410A	160	ppb	.00016	.000459	.000000769
4		EPA Level 1 Protocol	64.4	ppb	.00288	.000257	.00000169
7.3		CARB 410A	98	ppb	.000852	.000263	.00000536
CSU-1.6.2		Alternate Method 17/	15	ppb	<< .000376	<< .0000963	<< .000000855
29.39x		TO-14	160	ppb	.00837	.00054	.00000476
3.8		TO-14	85.3	ppb	.0102	.000431	.00000565
CSU-1.4.1		Alternate Method 17/	80	ppb	.00169	.000558	.00000404
3.2		TO-14	12.1	ppb	.00132	.0000946	.000000732
CSU-1.6.1		Alternate Method 17/	230	ppb	.00537	.00152	.0000122
3.11		TO-14	4.03	ppb	.000476	.0000152	.000000238
29.23x		TO-14	30	ppb	.00295	.000231	.00000176
CSU-1.9.1		Alternate Method 17/	220	ppb	.00588	.00149	.0000134
3.20		TO-14	56	ppb	.00233	.000119	.00000448
CSU-1.10.1		Alternate Method 17/	220	ppb	.00607	.00152	.0000138
31.8x		TO-14	120	ppb	.00664	.000661	.0000058
3.14		TO-14	200	ppb	.0226	.000878	.0000142
CSU-1.9.2		Alternate Method 17/	15	ppb	<< .000407	<< .000103	<< .000000925
29.45x		TO-14	40	ppb	.00269	.000178	.00000164
3.9		TO-14	220	ppb	.0254	.00117	.0000159
7.1		CARB 410A	385	ppb	.00214	.000953	.0000357
3.12		TO-14	153	ppb	.0189	.000589	.0000105
3.13		TO-14	9.57	ppb	.00121	.0000378	.000000672
29.2x		TO-14	80	ppb	.00536	.000511	.00000588
31.11x		TO-14	360	ppb	.0175	.00228	.0000211
7.10		CARB 410A	165	ppb	.000959	.000522	.000013
3.15		TO-14	22.3	ppb	.00253	.0000941	.00000158
7.11		CARB 410A	115	ppb	.000668	.000271	.00000903
CSU-1.8.2		Alternate Method 17/	15	ppb	<< .000395	<< .000118	<< .000000945
29.42x		TO-14	150	ppb	.00835	.00053	.00000464
31.12x		TO-14	160	ppb	.00755	.000983	.00000939
CSU-1.10.2		Alternate Method 17/	15	ppb	<< .000414	<< .000104	<< .000000941
CSU-1.8.1		Alternate Method 17/	220	ppb	.00601	.00179	.0000144

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
3.19		TO-14	20.3	ppb	< .000893	< .0000439	< .00000153
CSU-1.11.1		Alternate Method 17/	70	ppb	.00179	.000531	.00000428
29.7x		TO-14	60	ppb	.00416	.000401	.00000337
31.19x		FTIR	70	ppb	.00576	.000362	.00000299
CSU-1.4.2		Alternate Method 17/	15	ppb	<< .000359	<< .000106	<< .000000859
11.2		CARB 410A	24.3	ppb	.000193	.0000653	.000000439
25.4		CARB 410A	147	ppb	.00536	.000578	.0000051
3.7		TO-14	56.7	ppb	.00687	.00028	.00000344
7.14		CARB 410A	715	ppb	.00622	.00465	.0000415
3.21		TO-14	5	ppb	<< .000183	<< .0000106	<< .000000352
7.7		CARB 410A	215	ppb	.0019	.000515	.00000911
7.5		CARB 410A	123	ppb	.000717	.00036	.0000093
20.2		CARB 410	5	ppb	<< .000141	<< .0000201	<< .000000242
3.10		TO-14	117	ppb	.0146	.000461	.00000728
CSU-1.3.2		Alternate Method 17/	15	ppb	<< .000383	<< .000141	<< .00000126
11.1		CARB 410A	17	ppb	.000216	.0000605	.00000012
7.6		CARB 410A	115	ppb	.000668	.00036	.00000868
CSU-1.1.2		Alternate Method 17/	15	ppb	<< .000409	<< .000104	<< .00000093
7.2		CARB 410A	370	ppb	.00206	.000985	.0000342
25.3		CARB 410A	35.7	ppb	.00118	.000121	.00000124
20.1		CARB 410	110	ppb	.00231	.000328	.00000395
25.2		CARB 410A	40.7	ppb	.00966	.000246	.00000251
11.3		CARB 410A	67	ppb	.00844	.000682	.0000192
29.10x		TO-14	90	ppb	.00998	.000621	.00000544
3.3		TO-14	13.3	ppb	.00156	.000105	.000000782
31.16x		TO-14	210	ppb	.00955	.00127	.0000135
CSU-1.2/7.2		Alternate Method 17/	15	ppb	<< .000393	<< .000127	<< .00000131
3.17		TO-14	5	ppb	<< .000243	<< .0000104	<< .000000374
3.16		TO-14	37.3	ppb	.00208	.0000788	.0000032
CSU-1.2/7.1		Alternate Method 17/	220	ppb	.00493	.00187	.0000165
CSU-1.5.2		Alternate Method 17/	15	ppb	<< .000446	<< .000114	<< .00000101
25.1		CARB 410A	37.3	ppb	.000474	.0000795	.00000081

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.3.1		Alternate Method 17/	220	ppb	.00466	.00197	.0000153
3.1		TO-14	11.7	ppb	.0012	.0000712	.00000075
CSU-1.1.1		Alternate Method 17/	10	ppb	.000258	.0000686	.000000586
7.8		CARB 410A	92	ppb	.000808	.000269	.00000388
7.13		CARB 410A	235	ppb	.0122	.00148	.0000185
7.4		CARB 410A	1550	ppb	.00861	.00328	.00016
CSU-1.5.1		Alternate Method 17/	220	ppb	.00608	.00164	.0000138
31.3x		TO-14	60	ppb	.00712	.00041	.00000363
3.18		TO-14	80.3	ppb	.00401	.00017	.00000687
CSU-2.1.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.5.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.13.1		Alternate Method 17/	230	ppb	.0063	.00158	.0000143
CSU-1.11.2		Alternate Method 17/	15	ppb	<< .000398	<< .000118	<< .000000952
CSU-2.5.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.15.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.15.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.16.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.3.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.4.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.2.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.13.2		Alternate Method 17/	15	ppb	<< .000404	<< .000101	<< .000000918
CSU-2.3.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.16.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.4.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.2.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.8.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.10.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.11.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.10.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.11.1		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-2.9.2		Alternate Method 17/	NR	ppb	NR	NR	NR
CSU-1.14.1		Alternate Method 17/	220	ppb	.00579	.00151	.0000132

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.12.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.9.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.15.2	Alternate Method 17/	15	ppb	<< .000424	<< .000105	<< .000000964
	CSU-2.12.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.8.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.14.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.13.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.1.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.16.1	Alternate Method 17/	220	ppb	.00611	.00151	.0000139
	CSU-2.13.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.7.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.7.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.16.2	Alternate Method 17/	15	ppb	<< .000423	<< .000105	<< .000000961
	CSU-1.14.2	Alternate Method 17/	15	ppb	<< .000389	<< .000101	<< .000000884
	CSU-1.12.1	Alternate Method 17/	70	ppb	.00182	.00054	.00000435
	CSU-1.15.1	Alternate Method 17/	220	ppb	.00621	.00154	.0000141
	CSU-2.6.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.14.2	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-2.6.1	Alternate Method 17/	NR	ppb	NR	NR	NR
	CSU-1.12.2	Alternate Method 17/	15	ppb	<< .000398	<< .000118	<< .000000952
				Maximum:	**.0254**	**.00465**	**.00016**
				Average:	**.00424**	**.000616**	**.00000869**
Vinyl Chloride							
	3.19	TO-14	5	ppb	<< .000149	<< .00000734	<< .000000255
	3.3	TO-14	5	ppb	<< .000398	<< .0000267	<< .000000199
	3.18	TO-14	5	ppb	<< .00017	<< .00000717	<< .000000291
	3.14	TO-14	5	ppb	<< .000384	<< .0000149	<< .00000024
	3.17	TO-14	5	ppb	<< .000165	<< .0000071	<< .000000254
	3.8	TO-14	5	ppb	<< .000405	<< .0000172	<< .000000225
	3.10	TO-14	5	ppb	<< .000423	<< .0000134	<< .000000211
	3.20	TO-14	5	ppb	<< .000142	<< .0000072	<< .000000273

Pollutant	ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
Fuel							
3.9		TO-14	5	ppb	<< .000392	<< .000018	<< .0000000245
3.11		TO-14	5	ppb	<< .000401	<< .0000128	<< .0000002
3.1		TO-14	5	ppb	<< .000349	<< .0000207	<< .000000218
3.2		TO-14	5	ppb	<< .00037	<< .0000266	<< .000000206
3.21		TO-14	5	ppb	<< .000125	<< .0000072	<< .00000024
3.7		TO-14	5	ppb	<< .000412	<< .0000168	<< .000000206
3.15		TO-14	5	ppb	<< .000385	<< .0000143	<< .000000241
3.16		TO-14	5	ppb	<< .000189	<< .00000717	<< .000000291
3.13		TO-14	5	ppb	<< .00043	<< .0000134	<< .000000239
3.12		TO-14	5	ppb	<< .000419	<< .0000131	<< .000000233
				Maximum:	**.00043**	**.0000267**	**.000000291**
				Average:	**.000317**	**.0000139**	**.000000237**
Xylene							
3.10		TO-14	44.3	ppb	.00637	.000202	.00000318
4		EPA Level 1 Protocol	19	ppb	.000978	.0000873	.000000575
3.17		TO-14	5	ppb	<< .00028	<< .000012	<< .000000431
3.16		TO-14	6	ppb	< .000384	< .0000146	< .000000591
11.2		CARB 410A	5	ppb	<< .0000458	<< .0000154	<< .000000104
29.7x		TO-14	10	ppb	.000799	.0000769	.000000647
31.3x		TO-14	20	ppb	.00273	.000158	.00000139
11.3		CARB 410A	5	ppb	<< .000726	<< .0000585	<< .00000165
3.18		TO-14	20	ppb	.00115	.0000487	.00000197
11.1		CARB 410A	5	ppb	<< .0000731	<< .0000205	<< .000000040
3.9		TO-14	71	ppb	.00943	.000433	.0000059
3.15		TO-14	5.07	ppb	< .00066	< .0000246	< .000000413
3.21		TO-14	5	ppb	<< .000211	<< .0000122	<< .000000406
3.11		TO-14	5	ppb	<< .000679	<< .0000218	<< .00000034
31.16x		TO-14	40	ppb	.00209	.000279	.00000295
7.8		CARB 410A	20.5	ppb	.000208	.0000691	.000001
3.2		TO-14	5	ppb	<< .000628	<< .0000451	<< .000000349
3.7		TO-14	14	ppb	.00195	.0000797	.000000975

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
7.7		CARB 410A	57	ppb	.000578	.000158	.00000277
7.13		CARB 410A	47.3	ppb	.00284	.000345	.0000043
25.4		CARB 410A	40.3	ppb	.0017	.000183	.00000162
7.6		CARB 410A	33.5	ppb	.000224	.000121	.00000292
29.23x		TO-14	10	ppb	.00113	.0000885	.000000675
25.3		CARB 410A	98	ppb	.00374	.000382	.00000393
3.1		TO-14	5	ppb	<< .000593	<< .0000352	<< .00000037
20.1		CARB 410	10	ppb	<< .000243	<< .0000345	<< .000000415
7.5		CARB 410A	43.5	ppb	.000291	.000147	.00000378
25.2		CARB 410A	88.7	ppb	.0243	.000616	.00000631
7.2		CARB 410A	105	ppb	.000672	.000322	.0000112
3.3		TO-14	5	ppb	<< .000675	<< .0000452	<< .000000337
7.4		CARB 410A	315	ppb	.00202	.000769	.0000374
25.1		CARB 410A	18.7	ppb	.000273	.0000458	.000000467
20.2		CARB 410	10	ppb	<< .000325	<< .0000462	<< .000000556
29.10x		TO-14	20	ppb	.00256	.000159	.00000139
7.3		CARB 410A	172	ppb	.00172	.000529	.0000108
7.14		CARB 410A	218	ppb	.00219	.00163	.0000146
31.12x		TO-14	30	ppb	.00163	.000212	.00000203
3.14		TO-14	60	ppb	.00782	.000303	.00000489
29.45x		TO-14	10	ppb	.000776	.0000513	.000000473
7.1		CARB 410A	94	ppb	.000601	.000268	.00001
3.20		TO-14	10.3	ppb	< .000497	< .0000252	< .000000955
3.13		TO-14	3	ppb	< .000438	< .0000137	< .000000243
29.42x		TO-14	40	ppb	.00257	.000163	.00000143
31.11x		TO-14	90	ppb	.00504	.000656	.00000609
7.10		CARB 410A	55.5	ppb	.000372	.000202	.00000502
7.11		CARB 410A	33.5	ppb	.000224	.0000909	.00000304
3.19		TO-14	6.5	ppb	< .000329	< .0000162	< .000000562
31.8x		TO-14	30	ppb	.00191	.00019	.00000167
3.8		TO-14	25.3	ppb	.00348	.000147	.00000193
29.39x		TO-14	40	ppb	.00241	.000156	.00000137

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
29.2x		TO-14	10	ppb	.000772	.0000736	.000000847
7.12		CARB 410A	31.5	ppb	.0000362	.000104	.000000174
3.12		TO-14	62.3	ppb	.00888	.000276	.00000493
				Maximum:	**.0243**	**.00163**	**.0000374**
				Average:	**.00214**	**.000194**	**.00000325**
Propane							
Acetaldehyde							
7.9		CARB 430	1600	ppb	.00112	.0016	.0000286
				Maximum:	**.00112**	**.0016**	**.0000286**
				Average:	**.00112**	**.0016**	**.0000286**
Acrolein							
7.9		CARB 430	770	ppb	.000684	.000978	.0000175
				Maximum:	**.000684**	**.000978**	**.0000175**
				Average:	**.000684**	**.000978**	**.0000175**
Benzene							
7.9		CARB 410A	5600	ppb	.00693	.00992	.000178
				Maximum:	**.00693**	**.00992**	**.000178**
				Average:	**.00693**	**.00992**	**.000178**
Formaldehyde							
7.9		CARB 430	14000	ppb	.00667	.00951	.000171
				Maximum:	**.00667**	**.00951**	**.000171**
				Average:	**.00667**	**.00951**	**.000171**
Naphthalene							
7.9		EPA 18	25	ppb	<< .0000508	<< .0000726	<< .0000013
				Maximum:	**.0000508**	**.0000726**	**.0000013**
				Average:	**.0000508**	**.0000726**	**.0000013**
Toluene							

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	lb/hr	lb/MMBtu	lb/HP-hr
7.9		CARB 410A	1150	ppb	.00168	.0024	.0000431
				Maximum:	**.00168**	**.0024**	**.0000431**
				Average:	**.00168**	**.0024**	**.0000431**
Xylene							
7.9		CARB 410A	261	ppb	.000439	.000628	.0000112
				Maximum:	**.000439**	**.000628**	**.0000112**
				Average:	**.000439**	**.000628**	**.0000112**

Summary of Criteria Emissions Data for Internal Combustion Engines

05-Feb-02

Fuel / Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
Diesel								
CO								
	CSU-3.2.2	EPA Method 10	20400	ppb	NA	NR	.0294	NR
	CSU-3.13.1	EPA Method 10	78900	ppb	NA	NR	.107	NR
	CSU-3.13.2	EPA Method 10	20200	ppb	NA	NR	.0279	NR
	CSU-3.12.1	EPA Method 10	74600	ppb	NA	NR	.101	NR
	CSU-3.14.1	EPA Method 10	73800	ppb	NA	NR	.0984	NR
	CSU-3.11.2	EPA Method 10	20800	ppb	NA	NR	.0284	NR
	CSU-3.14.2	EPA Method 10	21800	ppb	NA	NR	.0297	NR
	CSU-3.11.1	EPA Method 10	72600	ppb	NA	NR	.0983	NR
	CSU-3.2.1	EPA Method 10	73200	ppb	NA	NR	.104	NR
	CSU-3.4.2	EPA Method 10	23300	ppb	NA	NR	.0284	NR
	CSU-3.10.2	EPA Method 10	20900	ppb	NA	NR	.0286	NR
	CSU-3.12.2	EPA Method 10	20500	ppb	NA	NR	.028	NR
	CSU-3.10.1	EPA Method 10	75100	ppb	NA	NR	.103	NR
	CSU-3.4.1	EPA Method 10	149000	ppb	NA	NR	.18	NR
	161	CARB 100	176000	ppb	NA	4.42	.279	.00188
	CSU-3.9.2	EPA Method 10	19100	ppb	NA	NR	.0269	NR
	CSU-3.1.1	EPA Method 10	78600	ppb	NA	NR	.104	NR
	CSU-3.3.1	EPA Method 10	140000	ppb	NA	NR	.182	NR
	CSU-3.3.2	EPA Method 10	24200	ppb	NA	NR	.0311	NR
	CSU-3.9.1	EPA Method 10	66400	ppb	NA	NR	.0941	NR
	CSU-3.1.2	EPA Method 10	21100	ppb	NA	NR	.0286	NR
					Maximum:	**4.42**	**.279**	**.00188**
					Average:	**4.42**	**.0828**	**.00188**
Methane								
	CSU-3.3.2	EPA Method 25A (m	6390	ppb	NA	NR	.0047	NR
	CSU-3.14.2	EPA Method 25A (m	NR	ppb	NA	NR	NR	NR
	CSU-3.2.1	EPA Method 25A (m	16800	ppb	NA	NR	.0137	NR
	CSU-3.2.2	EPA Method 25A (m	7260	ppb	NA	NR	.00598	NR

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-3.4.1	EPA Method 25A (m	14200	ppb	NA	NR	.00988	NR
	CSU-3.13.2	EPA Method 25A (m	NR	ppb	NA	NR	NR	NR
	CSU-3.4.2	EPA Method 25A (m	4490	ppb	NA	NR	.00312	NR
	CSU-3.3.1	EPA Method 25A (m	17000	ppb	NA	NR	.0126	NR
	CSU-3.13.1	EPA Method 25A (m	180000	ppb	NA	NR	.139	NR
	CSU-3.14.1	EPA Method 25A (m	NR	ppb	NA	NR	NR	NR
	CSU-3.9.1	EPA Method 25A (m	14400	ppb	NA	NR	.0116	NR
	CSU-3.1.2	EPA Method 25A (m	4780	ppb	NA	NR	.0037	NR
	CSU-3.12.2	EPA Method 25A (m	12000	ppb	NA	NR	.00939	NR
	CSU-3.10.2	EPA Method 25A (m	8860	ppb	NA	NR	.00693	NR
	CSU-3.11.1	EPA Method 25A (m	22600	ppb	NA	NR	.0174	NR
	CSU-3.10.1	EPA Method 25A (m	24800	ppb	NA	NR	.0194	NR
	CSU-3.11.2	EPA Method 25A (m	6790	ppb	NA	NR	.0053	NR
	CSU-3.1.1	EPA Method 25A (m	8540	ppb	NA	NR	.00649	NR
	CSU-3.12.1	EPA Method 25A (m	13800	ppb	NA	NR	.0107	NR
	CSU-3.9.2	EPA Method 25A (m	6890	ppb	NA	NR	.00555	NR
					Maximum:	**NR**	**.139**	**NR**
					Average:	**NR**	**.0168**	**NR**
NMHC								
	161	EPA 18	1300	ppb	NA	.0187	.00125	.00000797
	CSU-3.1.2	EPA Method 25A (m	10300	ppb	NA	NR	.00794	NR
	CSU-3.1.1	EPA Method 25A (m	3170	ppb	NA	NR	.00241	NR
	CSU-3.3.1	EPA Method 25A (m	9000	ppb	NA	NR	.00665	NR
	CSU-3.4.1	EPA Method 25A (m	15400	ppb	NA	NR	.0107	NR
	CSU-3.3.2	EPA Method 25A (m	630	ppb	NA	NR	.000463	NR
	CSU-3.2.2	EPA Method 25A (m	2300	ppb	NA	NR	.00189	NR
	CSU-3.12.2	EPA Method 25A (m	2340	ppb	NA	NR	.00183	NR
	CSU-3.2.1	EPA Method 25A (m	4840	ppb	NA	NR	.00394	NR
	CSU-3.10.2	EPA Method 25A (m	2030	ppb	NA	NR	.00159	NR
	CSU-3.14.2	EPA Method 25A (m	NR	ppb	NA	NR	NR	NR
	CSU-3.11.1	EPA Method 25A (m	16600	ppb	NA	NR	.0128	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-3.14.1	EPA Method 25A (m	NR	ppb	NA	NR	NR	NR
	CSU-3.11.2	EPA Method 25A (m	4130	ppb	NA	NR	.00323	NR
	CSU-3.13.2	EPA Method 25A (m	29000	ppb	NA	NR	.0229	NR
	CSU-3.12.1	EPA Method 25A (m	14900	ppb	NA	NR	.0115	NR
	CSU-3.13.1	EPA Method 25A (m	82900	ppb	NA	NR	.0642	NR
	CSU-3.10.1	EPA Method 25A (m	15100	ppb	NA	NR	.0118	NR
	CSU-3.4.2	EPA Method 25A (m	2810	ppb	NA	NR	.00195	NR
	CSU-3.9.2	EPA Method 25A (m	1940	ppb	NA	NR	.00156	NR
	CSU-3.9.1	EPA Method 25A (m	11800	ppb	NA	NR	.00959	NR
					Maximum:	**.0187**	**.0642**	**.00000797**
					Average:	**.0187**	**.00938**	**.00000797**
NOx								
	CSU-3.4.2	EPA Method 7E	1660000	ppb	NA	NR	3.32	NR
	CSU-3.14.1	EPA Method 7E	1360000	ppb	NA	NR	2.98	NR
	CSU-3.13.1	EPA Method 7E	993000	ppb	NA	NR	2.21	NR
	CSU-3.14.2	EPA Method 7E	1360000	ppb	NA	NR	3.04	NR
	CSU-3.12.1	EPA Method 7E	1230000	ppb	NA	NR	2.73	NR
	CSU-3.11.2	EPA Method 7E	1230000	ppb	NA	NR	2.75	NR
	CSU-3.2.1	EPA Method 7E	1510000	ppb	NA	NR	3.53	NR
	CSU-3.11.1	EPA Method 7E	1270000	ppb	NA	NR	2.82	NR
	CSU-3.10.2	EPA Method 7E	1240000	ppb	NA	NR	2.78	NR
	CSU-3.13.2	EPA Method 7E	1020000	ppb	NA	NR	2.32	NR
	CSU-3.10.1	EPA Method 7E	1210000	ppb	NA	NR	2.72	NR
	CSU-3.12.2	EPA Method 7E	1190000	ppb	NA	NR	2.68	NR
	CSU-3.9.2	EPA Method 7E	1150000	ppb	NA	NR	2.65	NR
	CSU-3.3.1	EPA Method 7E	1870000	ppb	NA	NR	3.98	NR
	CSU-3.9.1	EPA Method 7E	1140000	ppb	NA	NR	2.65	NR
	161	CARB 100	181000	ppb	NA	7.48	.474	.00318
	CSU-3.1.1	EPA Method 7E	1270000	ppb	NA	NR	2.77	NR
	CSU-3.3.2	EPA Method 7E	1850000	ppb	NA	NR	3.92	NR
	CSU-3.1.2	EPA Method 7E	1260000	ppb	NA	NR	2.79	NR

Fuel Pollutant ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-3.2.2	EPA Method 7E	1430000	ppb	NA	NR	3.38	NR
CSU-3.4.1	EPA Method 7E	1750000	ppb	NA	NR	3.5	NR
				Maximum:	**7.48**	**3.98**	**.00318**
				Average:	**7.48**	**2.86**	**.00318**
THC							
1.5	CARB 100	511000	ppb	1000	.204	1.05	.000371
CSU-3.13.1	EPA Method 25A	40100	ppb	NA	NR	.031	NR
CSU-3.1.2	EPA Method 25A	4150	ppb	NA	NR	.00321	NR
CSU-3.12.1	EPA Method 25A	35600	ppb	NA	NR	.0276	NR
161	EPA 18	3250	ppb	NA	.0467	.00312	.0000199
CSU-3.11.2	EPA Method 25A	4700	ppb	NA	NR	.00367	NR
CSU-3.9.1	EPA Method 25A	36200	ppb	NA	NR	.0293	NR
CSU-3.10.2	EPA Method 25A	4940	ppb	NA	NR	.00386	NR
CSU-3.10.1	EPA Method 25A	40400	ppb	NA	NR	.0315	NR
CSU-3.1.1	EPA Method 25A	32100	ppb	NA	NR	.0244	NR
CSU-3.12.2	EPA Method 25A	460	ppb	NA	NR	.00036	NR
CSU-3.11.1	EPA Method 25A	32900	ppb	NA	NR	.0254	NR
CSU-3.3.1	EPA Method 25A	75200	ppb	NA	NR	.0556	NR
CSU-3.14.2	EPA Method 25A	NR	ppb	NA	NR	NR	NR
CSU-3.14.1	EPA Method 25A	NR	ppb	NA	NR	NR	NR
CSU-3.13.2	EPA Method 25A	4890	ppb	NA	NR	.00386	NR
CSU-3.2.2	EPA Method 25A	4780	ppb	NA	NR	.00394	NR
CSU-3.2.1	EPA Method 25A	32100	ppb	NA	NR	.0261	NR
CSU-3.9.2	EPA Method 25A	4400	ppb	NA	NR	.00354	NR
CSU-3.3.2	EPA Method 25A	6410	ppb	NA	NR	.00472	NR
CSU-3.4.2	EPA Method 25A	4980	ppb	NA	NR	.00346	NR
CSU-3.4.1	EPA Method 25A	24900	ppb	NA	NR	.0173	NR
				Maximum:	**.204**	**1.05**	**.000371**
				Average:	**.125**	**.0676**	**.000195**

Field Gas

Fuel / Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
THC								
	1.4	CARB 100	241000	ppb	1000	.281	.106	.000511
	1.2	CARB 100	3510000	ppb	1000	14	7.52	.0608
	1.3	CARB 100	773000	ppb	1000	.0488	.312	.00061
					Maximum:	**14**	**7.52**	**.0608**
					Average:	**4.78**	**2.65**	**.0206**
JP - 5								
NOx								
	135.2	CARB 1-100	728000	ppb	NA	2.49	1.66	.0167
	135.3	CARB 1-100	756000	ppb	NA	4.23	1.95	.0197
	135.1	CARB 1-100	956000	ppb	NA	5.29	2.48	.0243
					Maximum:	**5.29**	**2.48**	**.0243**
					Average:	**4**	**2.03**	**.0202**
Natural Gas								
CO								
	110.4	NR	560000	ppb	NA	4.75	.636	.00432
	29.28x	FTIR	3710000	ppb	NA	11.6	2.34	.0147
	29.42x	FTIR	103000	ppb	NA	1.75	.111	.000972
	151.15.3	CARB 1-100	6460000	ppb	NA	27.5	4.04	.0423
	110.3	NR	312000	ppb	NA	10.1	.544	.00507
	126.4	CARB method 1-100	597000	ppb	NA	5.26	.788	.00574
	151.15.2	CARB 1-100	13900000	ppb	NA	59	8.68	.0908
	29.3x	FTIR	95500	ppb	NA	1.81	.204	.00248
	151.11.3	CARB 1-100	9340000	ppb	NA	38.4	5.78	.0582
	151.11.2	CARB 1-100	13200000	ppb	NA	54.2	8.14	.0821
	151.27.3	CARB 1-100	6770000	ppb	NA	29.1	4.27	.0448
	CSU-1.12.1	EPA Method 10	114000	ppb	NA	.9	.267	.00215
	29.15x	FTIR	57000	ppb	NA	1.57	.116	.000864
	29.16x	FTIR	65300	ppb	NA	1.86	.139	.00109

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
29.31x		FTIR	69500	ppb	NA	.217	.043	.000263
151.24.2		CARB 1-100	7130000	ppb	NA	29.5	4.39	.0454
151.8.3		CARB 1-100	2670000	ppb	NA	10.7	1.65	.0162
29.32x		FTIR	35800	ppb	NA	.0724	.0221	.000158
105.1		EPA 10	102000	ppb	NA	1.36	.185	.00171
151.28.2		CARB 1-100	5510000	ppb	NA	23.9	3.39	.0368
151.28.3		CARB 1-100	951000	ppb	NA	4.13	.586	.00635
126.2		CARB method 1-100	605000	ppb	NA	5.14	.746	.0058
CSU-1.12.2		EPA Method 10	44600	ppb	NA	.36	.107	.000861
29.43x		FTIR	102000	ppb	NA	1.73	.11	.000961
151.20.3		CARB 1-100	6510000	ppb	NA	26.4	4.02	.0406
29.1x		FTIR	86300	ppb	NA	1.61	.165	.00188
29.13x		FTIR	77900	ppb	NA	2.33	.178	.00149
151.19.3		CARB 1-100	9750000	ppb	NA	40.3	6.12	.062
151.23.2		CARB 1-100	9140000	ppb	NA	38.1	5.67	.0586
109		EPA 10	345000	ppb	NA	9.5	.522	.0048
151.20.2		CARB 1-100	9410000	ppb	NA	38.2	5.81	.0588
151.23.3		CARB 1-100	5460000	ppb	NA	22.7	3.38	.0349
110.1		EPA 7E & 10	324000	ppb	NA	12.1	.548	.00603
126.3		CARB method 1-100	501000	ppb	NA	3.42	.635	.00492
29.12x		FTIR	63600	ppb	NA	1.93	.136	.00107
105.2		EPA 10	199000	ppb	NA	4.25	.402	.00425
151.19.2		CARB 1-100	11000000	ppb	NA	45.4	6.9	.0698
151.24.3		CARB 1-100	2260000	ppb	NA	9.36	1.39	.0144
151.16.3		CARB 1-100	4340000	ppb	NA	18.2	2.67	.028
151.12.3		CARB 1-100	6510000	ppb	NA	26.8	4.02	.0406
126.1		CARB method 1-100	457000	ppb	NA	4.08	.632	.00538
29.2x		FTIR	92600	ppb	NA	1.89	.18	.00207
151.12.2		CARB 1-100	10500000	ppb	NA	43.2	6.49	.0655
29.14x		FTIR	74000	ppb	NA	2.01	.169	.0013
151.27.2		CARB 1-100	10000000	ppb	NA	43	6.31	.0662
110.2		EPA 7E & 10	282000	ppb	NA	10	.511	.00501

Fuel Pollutant ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
151.16.2	CARB 1-100	13100000	ppb	NA	54.9	8.07	.0845
29.29x	FTIR	2690000	ppb	NA	5.53	1.69	.0119
CSU-1.15.2	EPA Method 10	31500	ppb	NA	.27	.0668	.000614
29.22x	FTIR	162000	ppb	NA	4.88	.386	.00279
29.47x	FTIR	419000	ppb	NA	9.09	.577	.00535
CSU-1.4.1	EPA Method 10	78700	ppb	NA	.507	.167	.00121
29.48x	FTIR	364000	ppb	NA	8.29	.506	.00493
112.7	EPA 10	536000	ppb	NA	.045	.514	.0018
CSU-1.3.2	EPA Method 10	71200	ppb	NA	.553	.204	.00182
29.49x	FTIR	331000	ppb	NA	7.42	.451	.00422
155.37	CARB method 1-100	146000	ppb	NA	.19	.268	NR
112.6	EPA 10	645000	ppb	NA	.0732	.728	.00293
CSU-1.16.1	EPA Method 10	93600	ppb	NA	.791	.196	.0018
160.3.1	CARB 100	3990000	ppb	NA	31.2	2.54	.0233
155.38	CARB method 1-100	459000	ppb	NA	.324	.317	NR
CSU-1.4.2	EPA Method 10	29700	ppb	NA	.217	.0641	.000519
29.51x	FTIR	399000	ppb	NA	7.96	.527	.00457
112.5	EPA 10	412000	ppb	NA	.0428	.441	.00171
29.52x	FTIR	451000	ppb	NA	8.97	.608	.00561
CSU-1.15.1	EPA Method 10	96500	ppb	NA	.829	.205	.00188
124	CARB 100.1	3880000	ppb	NA	1.54	2.46	.0123
112.4	EPA 10	593000	ppb	NA	.109	.835	.00437
CSU-1.14.2	EPA Method 10	34500	ppb	NA	.272	.0708	.000618
123.1	EPA method 10	223000	ppb	NA	1.31	.179	.00164
29.39x	FTIR	138000	ppb	NA	2.2	.142	.00125
CSU-1.14.1	EPA Method 10	101000	ppb	NA	.813	.212	.00185
123.2	EPA method 10	407000	ppb	NA	3.26	.261	.00271
29.50x	FTIR	394000	ppb	NA	8.65	.525	.00491
29.24x	FTIR	178000	ppb	NA	5.14	.411	.00301
29.30ax	FTIR	68500	ppb	NA	.223	.0424	.000262
CSU-1.13.1	EPA Method 10	86100	ppb	NA	.717	.18	.00163
112.2	EPA 10	548000	ppb	NA	.188	.678	.00299

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
29.41x		FTIR	126000	ppb	NA	2.06	.129	.00113
CSU-1.13.2		EPA Method 10	31700	ppb	NA	.26	.0651	.000591
29.40x		FTIR	141000	ppb	NA	2.4	.148	.00132
112.3		EPA 10	246000	ppb	NA	.119	.336	.00189
112.13		EPA 10	563000	ppb	NA	.138	.555	.00281
CSU-1.8.1		EPA Method 10	121000	ppb	NA	1.01	.3	.00242
112.12		EPA 10	860000	ppb	NA	.23	.829	.00469
112.8		EPA 10	263000	ppb	NA	.0977	.38	.00155
29.26x		FTIR	14200	ppb	NA	.414	.0332	.000232
112.1		EPA 10	437000	ppb	NA	.16	.473	.00254
CSU-1.6.1		EPA Method 10	83700	ppb	NA	.595	.168	.00135
112.11		EPA 10	450000	ppb	NA	.157	.461	.00341
29.25x		FTIR	237000	ppb	NA	6.23	.568	.00438
CSU-1.5.2		EPA Method 10	38700	ppb	NA	.35	.0894	.000795
112.10		EPA 10	294000	ppb	NA	.109	.282	.00173
29.44x		FTIR	352000	ppb	NA	7.63	.472	.00429
CSU-1.5.1		EPA Method 10	114000	ppb	NA	.956	.258	.00217
29.45x		FTIR	385000	ppb	NA	7.89	.521	.00481
112.9		EPA 10	305000	ppb	NA	.238	.308	.00181
29.46x		FTIR	378000	ppb	NA	8.11	.509	.00441
29.4x		FTIR	228000	ppb	NA	4.73	.561	.00631
CSU-1.6.2		EPA Method 10	30700	ppb	NA	.234	.0599	.000532
144.4		CARB 103	556000	ppb	NA	4.71	.675	.0055
107.7		EPA method 10	295000	ppb	NA	.108	.279	.00291
107.14		EPA method 10	88400	ppb	NA	.15	.0934	.00611
31.10x		FTIR	538000	ppb	20000	6.31	.836	.00734
142.2		EPA 10	6910000	ppb	NA	19.9	4.43	NR
31.9x		FTIR	994000	ppb	20000	12.2	1.53	.0146
144.1		CARB 100	514000	ppb	NA	4.17	.612	.00457
107.13		EPA method 10	592000	ppb	NA	1.73	1.54	.0754
31.8x		FTIR	83700	ppb	10000	1.41	.14	.00123
144.2		CARB 102	539000	ppb	NA	4.95	.666	.00571

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
31.7x		FTIR	80400	ppb	10000	1.36	.131	.00119
107.12		EPA method 10	393000	ppb	NA	2.76	.576	.12
31.11x		FTIR	188000	ppb	5000	2.78	.362	.00336
31.6x		FTIR	81000	ppb	10000	1.37	.132	.0012
141		EPA 3A	135000	ppb	NA	1.39	.123	.00133
31.5x		FTIR	125000	ppb	10000	2.35	.278	.00264
107.11		EPA method 10	253000	ppb	NA	2.23	.457	.097
144.5		CARB 103	630000	ppb	NA	5.3	.764	.00574
31.4x		FTIR	62300	ppb	10000	2.3	.146	.00139
144.6		CARB 103	570000	ppb	NA	4.8	.692	.00551
107.10		EPA method 10	394000	ppb	NA	.115	.308	NR
31.3x		FTIR	53000	ppb	10000	1.91	.11	.000974
130.1		EPA 10	270000	ppb	NA	24.7	.641	.00597
130.2		EPA 10	291000	ppb	NA	25.4	.736	.00605
31.2x		FTIR	356000	ppb	NA	8.2	.484	.00827
107.9		EPA method 10	74900	ppb	NA	.686	.185	.0279
144.3		CARB 103	528000	ppb	NA	4.58	.678	.00568
31.16x		FTIR	372000	ppb	10000	5.15	.686	.00727
107.24		EPA method 10	133000	ppb	NA	.854	.187	NR
107.22		EPA method 10	541000	ppb	NA	.206	.524	NR
102.3		CARB method 100	568000	ppb	NA	4.98	.706	.00554
107.21		EPA method 10	319000	ppb	NA	.142	.261	NR
102.4		CARB method 100	89200	ppb	NA	.79	.112	.000878
107.20		EPA method 10	254000	ppb	NA	1.71	.379	.0261
31.19x		FTIR	799000	ppb	10000	20	1.26	.0104
107.19		EPA method 10	306000	ppb	NA	2.19	.511	.0334
31.18x		FTIR	823000	ppb	10000	20.2	1.3	.0104
131.1		CARB 1-100	629000	ppb	NA	5.14	.755	.00528
107.18		EPA method 10	162000	ppb	NA	.064	.186	.00279
142.1		EPA 10	6410000	ppb	NA	24.4	4.09	NR
131.2		CARB 1-100	591000	ppb	NA	5.02	.724	.00516
129.2		NR	1130000	ppb	NA	.128	.73	.000853

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
131.4		CARB 1-100	570000	ppb	NA	4.78	.701	.00451
107.17		EPA method 10	547000	ppb	NA	.185	.667	.00588
31.15x		FTIR	476000	ppb	10000	6.61	.853	.00913
139		EPA method 10	297000	ppb	NA	3.49	.381	.00342
31.14x		FTIR	442000	ppb	20000	6.07	.741	.00857
107.16		EPA method 10	137000	ppb	NA	1.3	.306	.0529
138		EPA 10	50500	ppb	NA	.956	.119	.00104
31.13x		FTIR	425000	ppb	20000	5.63	.712	.00804
140		EPA 10	217000	ppb	NA	1.44	.144	.00215
31.12x		FTIR	297000	ppb	5000	4.26	.555	.0053
107.15		EPA method 10	107000	ppb	NA	.831	.195	.0339
31.17x		FTIR	833000	ppb	20000	20.6	1.17	.0102
102.1		EPA method 10	472000	ppb	NA	5.47	.612	.00552
136.2		NR	3300000	ppb	NA	2.01	2.11	NR
29.9x		FTIR	71200	ppb	NA	2.47	.155	.00135
106		EPA method 10	170000	ppb	NA	1.33	.125	.00121
137		EPA 10	271000	ppb	NA	.64	.176	NR
29.21x		FTIR	103000	ppb	NA	5.82	.227	.00181
104.1		EPA 10	390000	ppb	NA	2.21	.343	.00237
29.20x		FTIR	105000	ppb	NA	6.18	.232	.00194
102.2		EPA method 10	593000	ppb	NA	6.33	.757	.0067
104.2		EPA 10	435000	ppb	NA	.754	.465	.00419
160.4.1		CARB 100	3570000	ppb	NA	28	2.26	.0208
145		EPA 10	158000	ppb	NA	5.86	.373	.00637
129.1		NR	5640000	ppb	NA	.636	3.65	.00424
29.17x		FTIR	114000	ppb	NA	6.51	.235	.00194
136.1		NR	5000000	ppb	NA	3.08	3.63	NR
151.3.2		CARB 1-100	6100000	ppb	NA	25.8	3.77	.0391
104.3		EPA 10	295000	ppb	NA	.421	.307	.00356
151.3.3		CARB 1-100	5250000	ppb	NA	22.2	3.24	.0336
29.18x		FTIR	119000	ppb	NA	6.16	.242	.00185
151.4.2		CARB 1-100	5320000	ppb	NA	22.4	3.28	.0339

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
126.6		CARB method 1-100	680000	ppb	NA	5.76	.842	.00743
151.4.3		CARB 1-100	4190000	ppb	NA	17.7	2.58	.0268
151.7.2		CARB 1-100	2210000	ppb	NA	8.92	1.37	.0135
29.5x		FTIR	198000	ppb	NA	3.98	.438	.00474
151.7.3		CARB 1-100	4560000	ppb	NA	18.4	2.82	.0279
126.5		CARB method 1-100	466000	ppb	NA	3.98	.594	.00456
29.19x		FTIR	94900	ppb	NA	4.88	.206	.00158
128		EPA 10	93100	ppb	NA	2.98	.205	.00241
151.8.2		CARB 1-100	5720000	ppb	NA	23.1	3.53	.035
107.8		EPA method 10	146000	ppb	NA	.971	.261	.0395
162.3.2		EPA 10	6970	ppb	NA	.889	.0183	.000125
160.2.1		CARB 100	4270000	ppb	NA	32.9	2.73	.0245
29.27ax		FTIR	12700	ppb	NA	.365	.0303	.000228
129.3		NR	12200000	ppb	NA	2.39	8.17	.0159
160.1.1		CARB 100	3880000	ppb	NA	31	2.46	.0231
160.3.2		CARB 100	728000	ppb	NA	5.7	.462	.00425
107.6		EPA method 10	303000	ppb	NA	.232	.3	.00354
129.4		NR	7580000	ppb	NA	1.15	5.16	.00767
160.2.2		CARB 100	690000	ppb	NA	5.32	.438	.00397
107.1		EPA method 10	593000	ppb	NA	.108	.823	.00861
160.1.2		CARB 100	600000	ppb	NA	4.79	.382	.00358
29.10x		FTIR	71100	ppb	NA	2.4	.149	.00131
132		EPA 10	178000	ppb	NA	6.02	.4	.00288
107.4		EPA method 10	532000	ppb	NA	.0432	.505	.00346
29.8x		FTIR	67100	ppb	NA	1.39	.134	.00113
133		EPA 10	24700	ppb	NA	.204	.0298	.000203
29.7x		FTIR	67600	ppb	NA	1.43	.137	.00116
107.3		EPA method 10	648000	ppb	NA	.0724	.722	.00579
29.6x		FTIR	69200	ppb	NA	1.53	.153	.00141
134		EPA 10	797000	ppb	NA	5.86	.936	.00711
101		EPA 3A	579000	ppb	NA	1.71	.558	.00312
107.2		EPA method 10	412000	ppb	NA	.0421	.437	.00337

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
29.11x		FTIR	76200	ppb	NA	2.91	.181	.0019
31.1x		FTIR	79000	ppb	NA	2.08	.185	.00211
107.5		EPA method 10	260000	ppb	NA	.0942	.372	.00299
151.20.1		CARB 1-100	3800000	ppb	NA	15.4	2.34	.0237
151.25		CARB 1-100	6940000	ppb	NA	30.4	4.38	.0467
151.24.1		CARB 1-100	601000	ppb	NA	2.48	.37	.00382
CSU-2.5.1		EPA Method 10	741000	ppb	NA	6	.937	.00815
155.8		CARB method 1-100	5000000	ppb	NA	2.22	3.14	NR
151.23.1		CARB 1-100	4150000	ppb	NA	17.3	2.57	.0266
114.2		EPA 10	247000	ppb	NA	12.6	.571	.00421
CSU-2.5.2		EPA Method 10	53700	ppb	NA	.432	.0675	.000587
151.22		CARB 1-100	1060000	ppb	NA	4.4	.654	.00676
151.21		CARB 1-100	4810000	ppb	NA	20.1	2.99	.031
158.2		EPA 10	4680000	ppb	NA	34.5	3.05	NR
CSU-2.6.1		EPA Method 10	670000	ppb	NA	4.62	.746	.00628
114.1		EPA 10	209000	ppb	NA	10.5	.475	.00349
151.19.1		CARB 1-100	8120000	ppb	NA	33.5	5.1	.0515
CSU-2.6.2		EPA Method 10	39500	ppb	NA	.271	.0437	.000368
155.6		CARB method 1-100	3720000	ppb	NA	1.35	2.35	NR
115		EPA 10	443000	ppb	NA	18.8	.803	.0066
151.18		CARB 1-100	5330000	ppb	NA	21.6	3.29	.0332
CSU-2.7.1		EPA Method 10	640000	ppb	NA	3.2	.718	.00621
151.16.1		CARB 1-100	897000	ppb	NA	3.76	.553	.00578
155.5		CARB method 1-100	472000	ppb	NA	.344	.482	NR
CSU-2.7.2		EPA Method 10	26400	ppb	NA	.13	.0293	.000252
116.1		CARB 100	480000	ppb	NA	2.41	.569	.0024
155.7		CARB method 1-100	673000	ppb	NA	.422	.543	NR
CSU-2.2.2		EPA Method 10	26800	ppb	NA	.143	.0317	.000278
CSU-2.15.2		EPA Method 10	42600	ppb	NA	.319	.0505	.000433
158.1		EPA 10	6170000	ppb	NA	45.4	3.99	NR
155.14		CARB method 1-100	214000	ppb	NA	.169	.222	NR
CSU-2.16.1		EPA Method 10	627000	ppb	NA	4.63	.744	.00629

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	157.2	CARB 1-100	448000	ppb	NA	1.12	.315	NR
	157.1	CARB 1-100	665000	ppb	NA	1.66	.691	NR
	CSU-2.16.2	EPA Method 10	42100	ppb	NA	.311	.0499	.000423
	155.13	CARB method 1-100	374000	ppb	NA	.297	.49	NR
	112.23	EPA 10	491000	ppb	NA	.137	.488	.00104
	151.28.1	CARB 1-100	595000	ppb	NA	2.58	.366	.00397
	CSU-2.4.2	EPA Method 10	30200	ppb	NA	.172	.0357	.000234
	CSU-2.2.1	EPA Method 10	591000	ppb	NA	3.15	.7	.00611
	155.9	CARB method 1-100	592000	ppb	NA	.481	.592	NR
	154.2	EPA 10	280000	ppb	NA	23.7	.703	.00564
	CSU-2.3.1	EPA Method 10	573000	ppb	NA	2.52	.679	.00489
	154.1	EPA 10	260000	ppb	NA	22.6	.648	.00538
	112.24	EPA 10	357000	ppb	NA	.153	.37	.00117
	CSU-2.3.2	EPA Method 10	21900	ppb	NA	.0964	.0259	.000187
	155.10	CARB method 1-100	434000	ppb	NA	.276	.304	NR
	151.27.1	CARB 1-100	6300000	ppb	NA	27.1	3.98	.0417
	CSU-2.4.1	EPA Method 10	591000	ppb	NA	3.36	.699	.00457
	151.26	CARB 1-100	881000	ppb	NA	3.77	.543	.0058
	CSU-2.8.1	EPA Method 10	641000	ppb	NA	3.95	.81	.00537
	156	CARB 1-100	2060000	ppb	NA	4.18	1.31	NR
	150.2	EPA 10	492000	ppb	NA	1.41	.376	.00188
	151.15.1	CARB 1-100	5140000	ppb	NA	21.8	3.21	.0335
	CSU-1.3.1	EPA Method 10	200000	ppb	NA	1.29	.546	.00425
	151.5	CARB 1-100	3760000	ppb	NA	15.6	2.32	.0236
	153.1	EPA 10	112000	ppb	NA	6.56	.267	.00207
	CSU-1.1.2	EPA Method 10	28600	ppb	NA	.238	.0604	.000541
	151.3.1	CARB 1-100	4900000	ppb	NA	20.7	3.02	.0314
	121	CARB 1-100	18900000	ppb	NA	72.6	12	.0946
	151.2	CARB 1-100	4180000	ppb	NA	17.8	2.58	.0269
	CSU-1.10.1	EPA Method 10	83800	ppb	NA	.704	.176	.0016
	151.1	CARB 1-100	5290000	ppb	NA	22.5	3.26	.034
	120	CARB 1-100	10400000	ppb	NA	66	6.49	.0981

Fuel Pollutant ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.10.2	EPA Method 10	29200	ppb	NA	.245	.0613	.000557
153.2	EPA 10	115000	ppb	NA	6.81	.279	.00213
149.2	EPA 10	125000	ppb	NA	9.13	.29	.00269
CSU-1.1.1	EPA Method 10	88600	ppb	NA	.696	.185	.00158
CSU-1.11.1	EPA Method 10	118000	ppb	NA	.924	.273	.00221
150.1	EPA 10	322000	ppb	NA	1.02	.227	.00136
122	EPA 10	348000	ppb	NA	1.22	.231	.00477
149.1	EPA 10	108000	ppb	NA	6.56	.23	.00193
CSU-1.11.2	EPA Method 10	47500	ppb	NA	.383	.113	.000916
147	EPA 10	491000	ppb	NA	2.59	.635	NR
143	EPA 10	52000	ppb	NA	2.11	.127	.00105
127	CARB method 100	585000	ppb	NA	4.2	.699	.00453
152	EPA 10	444000	ppb	NA	16.6	.699	.00579
151.8.1	CARB 1-100	1550000	ppb	NA	6.25	.958	.00947
155.11	CARB method 1-100	449000	ppb	NA	.174	.518	NR
155.4	CARB method 1-100	4440000	ppb	NA	2.33	3.95	NR
151.14	CARB 1-100	3210000	ppb	NA	13.9	1.98	.0214
CSU-2.8.2	EPA Method 10	35800	ppb	NA	.221	.0452	.0003
151.12.1	CARB 1-100	3000000	ppb	NA	12.3	1.85	.0186
116.2	CARB 100	480000	ppb	NA	2.6	.574	.0026
155.3	CARB method 1-100	268000	ppb	NA	.197	.339	NR
CSU-2.9.1	EPA Method 10	620000	ppb	NA	4.47	.726	.00607
151.11.1	CARB 1-100	5430000	ppb	NA	22.4	3.36	.0339
151.13	CARB 1-100	6180000	ppb	NA	27	3.85	.0415
151.6	CARB 1-100	1730000	ppb	NA	7.13	1.06	.0108
155.2	CARB method 1-100	76100	ppb	NA	.0208	.057	NR
151.17	CARB 1-100	8550000	ppb	NA	35.2	5.34	.0542
117	EPA 10	186000	ppb	NA	2.84	.561	.00355
CSU-1.16.2	EPA Method 10	31100	ppb	NA	.267	.066	.000607
151.7.1	CARB 1-100	3700000	ppb	NA	14.9	2.29	.0226
151.10	CARB 1-100	3220000	ppb	NA	13.3	1.99	.0201
155.1	CARB method 1-100	248000	ppb	NA	.0629	.22	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.2/7.1		EPA Method 10	224000	ppb	NA	1.53	.578	.00511
151.9		CARB 1-100	5600000	ppb	NA	23.1	3.47	.035
118		EPA 10	551000	ppb	NA	2.98	.433	.00351
151.4.1		CARB 1-100	3760000	ppb	NA	15.8	2.31	.0239
CSU-1.2/7.2		EPA Method 10	69200	ppb	NA	.552	.179	.00184
CSU-2.9.2		EPA Method 10	40600	ppb	NA	.293	.0476	.000398
112.18		EPA 10	562000	ppb	NA	.155	.538	.00337
112.20		EPA 10	322000	ppb	NA	.157	.334	.000699
162.1.2		EPA 10	5870	ppb	NA	.737	.015	.000104
29.33x		FTIR	203000	ppb	NA	7.72	.232	.00188
162.2.1		EPA 10	125000	ppb	NA	15.7	.334	.00221
155.17		CARB method 1-100	676000	ppb	NA	.37	.772	NR
CSU-2.13.2		EPA Method 10	44500	ppb	NA	.348	.0528	.000473
112.16		EPA 10	375000	ppb	NA	.078	.346	.0017
CSU-2.13.1		EPA Method 10	620000	ppb	NA	5.13	.779	.00697
160.4.2		CARB 100	607000	ppb	NA	4.77	.384	.00355
CSU-2.1.1		EPA Method 10	620000	ppb	NA	4.51	.734	.00613
155.15		CARB method 1-100	338000	ppb	NA	.288	.506	NR
CSU-1.9.2		EPA Method 10	30000	ppb	NA	.247	.0626	.000561
155.18		CARB method 1-100	1230000	ppb	NA	.603	1.27	NR
CSU-2.10.1		EPA Method 10	626000	ppb	NA	4.35	.74	.00591
29.38x		FTIR	258000	ppb	NA	9.45	.287	.00227
CSU-2.12.2		EPA Method 10	41100	ppb	NA	.291	.0488	.000395
112.17		EPA 10	466000	ppb	NA	.104	.461	.00227
29.36x		FTIR	209000	ppb	NA	7.81	.273	.00219
CSU-2.1.2		EPA Method 10	41300	ppb	NA	.301	.0489	.000409
29.37x		FTIR	258000	ppb	NA	9.46	.292	.0023
CSU-2.12.1		EPA Method 10	613000	ppb	NA	4.36	.731	.00592
162.1.1		EPA 10	131000	ppb	NA	16.7	.339	.00235
CSU-2.11.2		EPA Method 10	41700	ppb	NA	.291	.0493	.000395
155.16		CARB method 1-100	1240000	ppb	NA	.679	.94	NR
CSU-1.8.2		EPA Method 10	41000	ppb	NA	.329	.0981	.000787

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.15.1	EPA Method 10	625000	ppb	NA	4.72	.747	.00641
	162.3.1	EPA 10	149000	ppb	NA	19	.392	.00267
	112.22	EPA 10	544000	ppb	NA	.197	.573	.0015
	159.1	CARB 100	475000	ppb	NA	4.6	.595	.00601
	29.23x	FTIR	181000	ppb	NA	5.41	.423	.00323
	CSU-2.10.2	EPA Method 10	42000	ppb	NA	.29	.0493	.000394
	112.14	EPA 10	634000	ppb	NA	.0841	.685	.00216
	CSU-2.14.2	EPA Method 10	42300	ppb	NA	.304	.0504	.000413
	162.2.2	EPA 10	6070	ppb	NA	.758	.0161	.000107
	112.21	EPA 10	467000	ppb	NA	.175	.623	.00133
	29.35x	FTIR	247000	ppb	NA	8.1	.29	.00222
	107.23	EPA method 10	93200	ppb	NA	.881	.193	NR
	159.2	CARB 100	27600	ppb	NA	.259	.0336	.000295
	29.34x	FTIR	217000	ppb	NA	8.2	.244	.00193
	112.19	EPA 10	466000	ppb	NA	.0687	.475	.00176
	CSU-1.9.1	EPA Method 10	84200	ppb	NA	.685	.173	.00156
	112.15	EPA 10	481000	ppb	NA	.0882	.473	.00192
	CSU-2.11.1	EPA Method 10	621000	ppb	NA	4.33	.734	.00588
	CSU-2.14.1	EPA Method 10	656000	ppb	NA	4.68	.777	.00636
					Maximum:	**72.6**	**12**	**.12**
					Average:	**7.53**	**1.1**	**.0113**
Methane								
	CSU-1.16.1	EPA Method 25A (m	928000	ppb	NA	4.48	1.11	.0102
	CSU-1.3.2	EPA Method 25A (m	1030000	ppb	NA	4.57	1.69	.0151
	CSU-2.8.2	EPA Method 25A (m	1340000	ppb	NA	4.7	.963	.00639
	CSU-2.7.2	EPA Method 25A (m	1290000	ppb	NA	3.63	.816	.00705
	CSU-2.8.1	EPA Method 25A (m	2000000	ppb	NA	7.03	1.44	.00955
	CSU-1.15.2	EPA Method 25A (m	820000	ppb	NA	4.03	.995	.00916
	CSU-2.10.1	EPA Method 25A (m	1250000	ppb	NA	4.97	.844	.00675
	CSU-2.9.1	EPA Method 25A (m	1470000	ppb	NA	6.06	.984	.00823
	CSU-1.1.2	EPA Method 25A (m	752000	ppb	NA	3.57	.907	.00811

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.8.1	EPA Method 25A (m	1040000	ppb	NA	4.93	1.47	.0118	
CSU-1.11.2	EPA Method 25A (m	1120000	ppb	NA	5.17	1.53	.0124	
CSU-1.8.2	EPA Method 25A (m	977000	ppb	NA	4.48	1.34	.0107	
CSU-1.11.1	EPA Method 25A (m	1190000	ppb	NA	5.29	1.57	.0127	
CSU-1.6.2	EPA Method 25A (m	735000	ppb	NA	3.21	.822	.0073	
CSU-1.10.2	EPA Method 25A (m	783000	ppb	NA	3.76	.939	.00855	
CSU-1.6.1	EPA Method 25A (m	758000	ppb	NA	3.08	.869	.007	
CSU-1.9.1	EPA Method 25A (m	860000	ppb	NA	3.99	1.01	.00907	
CSU-1.4.2	EPA Method 25A (m	1150000	ppb	NA	4.8	1.42	.0115	
CSU-1.5.2	EPA Method 25A (m	962000	ppb	NA	4.97	1.27	.0113	
CSU-2.9.2	EPA Method 25A (m	1300000	ppb	NA	5.36	.87	.00728	
CSU-1.9.2	EPA Method 25A (m	753000	ppb	NA	3.55	.9	.00807	
CSU-1.3.1	EPA Method 25A (m	1460000	ppb	NA	5.38	2.28	.0177	
CSU-1.5.1	EPA Method 25A (m	863000	ppb	NA	4.15	1.12	.00943	
CSU-1.2/7.2	EPA Method 25A (m	1360000	ppb	NA	6.17	2	.0206	
CSU-2.1.1	EPA Method 25A (m	1440000	ppb	NA	6	.977	.00815	
CSU-1.2/7.1	EPA Method 25A (m	1590000	ppb	NA	6.2	2.35	.0207	
CSU-1.4.1	EPA Method 25A (m	1200000	ppb	NA	4.41	1.45	.0106	
CSU-1.16.2	EPA Method 25A (m	844000	ppb	NA	4.14	1.02	.00941	
CSU-2.1.2	EPA Method 25A (m	1260000	ppb	NA	5.22	.85	.00709	
CSU-1.10.1	EPA Method 25A (m	834000	ppb	NA	4.01	1	.00911	
CSU-1.12.1	EPA Method 25A (m	1140000	ppb	NA	5.18	1.53	.0124	
CSU-1.13.2	EPA Method 25A (m	683000	ppb	NA	3.2	.802	.00727	
CSU-2.5.1	EPA Method 25A (m	1880000	ppb	NA	8.69	1.36	.0118	
CSU-2.12.1	EPA Method 25A (m	1390000	ppb	NA	5.66	.949	.00769	
CSU-2.4.2	EPA Method 25A (m	1550000	ppb	NA	5.03	1.05	.00683	
CSU-1.13.1	EPA Method 25A (m	768000	ppb	NA	3.66	.917	.00832	
CSU-2.12.2	EPA Method 25A (m	1310000	ppb	NA	5.29	.888	.00719	
CSU-2.4.1	EPA Method 25A (m	1700000	ppb	NA	5.54	1.15	.00753	
CSU-1.12.2	EPA Method 25A (m	1220000	ppb	NA	5.64	1.67	.0135	
CSU-2.13.1	EPA Method 25A (m	1570000	ppb	NA	7.42	1.13	.0101	
CSU-2.11.2	EPA Method 25A (m	1300000	ppb	NA	5.17	.876	.00702	

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.10.2	EPA Method 25A (m	1230000	ppb	NA	4.86	.826	.0066
	CSU-2.3.2	EPA Method 25A (m	1590000	ppb	NA	3.99	1.07	.00774
	CSU-2.13.2	EPA Method 25A (m	1420000	ppb	NA	6.35	.963	.00863
	CSU-2.2.2	EPA Method 25A (m	1510000	ppb	NA	4.59	1.02	.00891
	CSU-1.1.1	EPA Method 25A (m	775000	ppb	NA	3.48	.925	.00791
	CSU-2.2.1	EPA Method 25A (m	1660000	ppb	NA	5.05	1.12	.0098
	CSU-2.16.2	EPA Method 25A (m	1330000	ppb	NA	5.6	.899	.00761
	CSU-2.14.1	EPA Method 25A (m	1420000	ppb	NA	5.8	.962	.00788
	CSU-2.16.1	EPA Method 25A (m	1490000	ppb	NA	6.28	1.01	.00853
	CSU-2.14.2	EPA Method 25A (m	1240000	ppb	NA	5.1	.847	.00693
	CSU-2.15.2	EPA Method 25A (m	1360000	ppb	NA	5.82	.921	.00791
	CSU-2.15.1	EPA Method 25A (m	1510000	ppb	NA	6.54	1.03	.00889
	CSU-2.3.1	EPA Method 25A (m	1890000	ppb	NA	4.77	1.28	.00926
	CSU-1.14.1	EPA Method 25A (m	779000	ppb	NA	3.57	.93	.00811
	CSU-1.14.2	EPA Method 25A (m	717000	ppb	NA	3.23	.842	.00734
	CSU-2.7.1	EPA Method 25A (m	1440000	ppb	NA	4.11	.923	.00798
	CSU-2.6.1	EPA Method 25A (m	1270000	ppb	NA	5.01	.809	.00681
	CSU-1.15.1	EPA Method 25A (m	870000	ppb	NA	4.27	1.06	.0097
	CSU-2.11.1	EPA Method 25A (m	1340000	ppb	NA	5.36	.909	.00728
	CSU-2.6.2	EPA Method 25A (m	1130000	ppb	NA	4.42	.713	.00601
	CSU-2.5.2	EPA Method 25A (m	1690000	ppb	NA	7.77	1.21	.0106
					Maximum:	**8.69**	**2.35**	**.0207**
					Average:	**4.96**	**1.12**	**.00937**
NMHC								
	115	EPA 18	543000	ppb	NA	13.2	.563	.00463
	112.4	EPA 18	796000	ppb	NA	.0854	.654	.00341
	112.12	EPA 18	252000	ppb	NA	.0391	.139	.000797
	112.11	EPA 18	201000	ppb	NA	.0337	.116	.000732
	112.14	EPA 18	199000	ppb	NA	.0151	.123	.000388
	157.1	EPA 18	186000	ppb	NA	.265	.11	NR
	156	EPA 18	46900	ppb	NA	.0542	.017	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
133		EPA 18	154000	ppb	NA	.728	.106	.000724
154.1		EPA 18	72700	ppb	NA	3.62	.103	.000861
112.21		EPA 18	131000	ppb	NA	.0281	.1	.000214
102.4		EPA method 18	221000	ppb	NA	1.11	.158	.00123
160.3.2		EPA 18	5330	ppb	NA	.0239	.00193	.0000178
103.1.1		EPA 18	104000	ppb	NA	.0109	.0391	NR
154.2		NR	79300	ppb	NA	3.83	.114	.000911
103.2.1		EPA 18	22000	ppb	NA	.00774	.00926	NR
157.2		EPA 18	201000	ppb	NA	.288	.081	NR
102.3		EPA method 18	267000	ppb	NA	1.33	.188	.00148
103.3.1		EPA 18	94000	ppb	NA	.0131	.0419	NR
107.24		EPA method 18	84700	ppb	NA	.311	.0683	NR
112.22		EPA 18	149000	ppb	NA	.0309	.0899	.000236
160.1.2		EPA 18	1000	ppb	NA	.00456	.000363	.0000034
103.4.1		EPA 18	45000	ppb	NA	.00787	.02	NR
107.23		EPA method 18	322000	ppb	NA	1.74	.382	NR
159.1		EPA 18	249000	ppb	NA	1.38	.178	.0018
112.19		EPA 18	195000	ppb	NA	.0165	.114	.000422
112.20		EPA 18	152000	ppb	NA	.0427	.0902	.00019
116.2		EPA 18	166000	ppb	NA	.513	.114	.000513
112.7		EPA 18	200000	ppb	NA	.00943	.11	.000377
114.1		EPA 25A	22300	ppb	NA	.637	.0289	.000212
112.3		EPA 18	57300	ppb	NA	.0158	.0448	.000251
112.2		EPA 18	221000	ppb	NA	.0434	.156	.000689
112.8		EPA 18	85000	ppb	NA	.018	.0703	.000286
112.6		EPA 18	248000	ppb	NA	.0161	.16	.000643
112.1		EPA 18	135000	ppb	NA	.0283	.0836	.000449
114.2		EPA 25A	31600	ppb	NA	.921	.0417	.000307
121		EPA 18	51000	ppb	NA	.112	.0185	.000146
112.24		EPA 18	133000	ppb	NA	.0325	.0789	.000248
159.2		EPA 18	196000	ppb	NA	1.08	.14	.00122
160.2.2		EPA 18	1000	ppb	NA	.00441	.000362	.00000329

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
112.18		EPA 18	120000	ppb	NA	.019	.0658	.000413
120		CARB 18	46300	ppb	NA	.168	.0165	.000249
116.1		EPA 18	185000	ppb	NA	.53	.126	.00053
112.13		EPA 18	133000	ppb	NA	.0186	.0749	.00038
112.15		EPA 18	165000	ppb	NA	.0172	.0925	.000375
112.10		EPA 18	123000	ppb	NA	.0262	.0675	.000416
112.5		EPA 18	381000	ppb	NA	.0224	.233	.000897
112.17		EPA 18	118000	ppb	NA	.0151	.0669	.000329
112.23		EPA 18	94000	ppb	NA	.015	.0533	.000114
112.9		EPA 18	85000	ppb	NA	.0377	.049	.000288
112.16		EPA 18	76000	ppb	NA	.00904	.04	.000197
126.1		NR	11900	ppb	NA	.0605	.00936	.0000796
155.12		EPA method 18	341000	ppb	NA	.0591	.155	NR
CSU-2.2.1		EPA Method 25A (m	181000	ppb	NA	.552	.123	.00107
CSU-2.16.2		EPA Method 25A (m	135000	ppb	NA	.568	.0911	.000772
126.4		NR	131000	ppb	NA	.665	.0996	.000726
155.13		EPA method 18	376000	ppb	NA	.173	.286	NR
CSU-2.16.1		EPA Method 25A (m	171000	ppb	NA	.721	.116	.00098
CSU-2.15.2		EPA Method 25A (m	131000	ppb	NA	.562	.0888	.000764
126.3		NR	41400	ppb	NA	.161	.03	.000232
155.14		EPA method 18	201000	ppb	NA	.0908	.119	NR
155.6		EPA method 18	33400	ppb	NA	.00724	.012	NR
CSU-2.15.1		EPA Method 25A (m	182000	ppb	NA	.786	.124	.00107
CSU-2.2.2		EPA Method 25A (m	149000	ppb	NA	.454	.101	.000881
155.15		EPA method 18	1320000	ppb	NA	.647	1.13	NR
CSU-2.14.2		EPA Method 25A (m	124000	ppb	NA	.51	.0846	.000693
CSU-2.14.1		EPA Method 25A (m	152000	ppb	NA	.618	.103	.00084
155.16		EPA method 18	42200	ppb	NA	.0132	.0183	NR
CSU-2.13.2		EPA Method 25A (m	125000	ppb	NA	.556	.0844	.000755
155.17		EPA method 18	58400	ppb	NA	.0183	.0384	NR
CSU-2.13.1		EPA Method 25A (m	190000	ppb	NA	.899	.136	.00122
CSU-2.12.2		EPA Method 25A (m	122000	ppb	NA	.494	.0829	.000671

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.1.1		EPA Method 25A (m	61600	ppb	NA	.276	.0735	.000627
126.2		NR	25600	ppb	NA	.122	.018	.000138
CSU-1.14.1		EPA Method 25A (m	62400	ppb	NA	.286	.0745	.00065
CSU-2.6.1		EPA Method 25A (m	134000	ppb	NA	.528	.0853	.000717
107.2		EPA method 18	381000	ppb	NA	.0221	.23	.00177
103.16.2		EPA 18	82000	ppb	NA	.0797	.0425	NR
CSU-2.5.2		EPA Method 25A (m	176000	ppb	NA	.812	.127	.0011
103.17.2		EPA 18	238000	ppb	NA	.068	.192	NR
107.1		EPA method 18	796000	ppb	NA	.0842	.646	.00675
103.18.2		EPA 18	116000	ppb	NA	.028	.0724	NR
155.7		EPA method 18	19400	ppb	NA	.00698	.00898	NR
103.19.2		EPA 18	169000	ppb	NA	.0206	.0753	NR
126.5		NR	89200	ppb	NA	.434	.065	.000498
155.8		EPA method 18	1160000	ppb	NA	.292	.417	NR
155.11		EPA method 18	522000	ppb	NA	.116	.346	NR
103.20.2		EPA 18	144000	ppb	NA	.0347	.0932	NR
CSU-1.8.2		EPA Method 25A (m	92100	ppb	NA	.422	.126	.00101
160.4.2		EPA 18	1000	ppb	NA	.00449	.000362	.00000335
CSU-2.4.1		EPA Method 25A (m	148000	ppb	NA	.483	.1	.000656
155.9		EPA method 18	317000	ppb	NA	.152	.197	NR
CSU-2.3.2		EPA Method 25A (m	168000	ppb	NA	.423	.114	.000821
155.10		EPA method 18	103000	ppb	NA	.0352	.0409	NR
CSU-2.3.1		EPA Method 25A (m	210000	ppb	NA	.527	.142	.00102
126.6		NR	7820	ppb	NA	.0378	.00554	.0000488
CSU-1.12.1		EPA Method 25A (m	44900	ppb	NA	.203	.0603	.000486
CSU-2.5.1		EPA Method 25A (m	211000	ppb	NA	.976	.152	.00133
CSU-1.9.2		EPA Method 25A (m	30700	ppb	NA	.145	.0367	.00033
155.18		EPA method 18	62000	ppb	NA	.0174	.0365	NR
CSU-1.4.1		EPA Method 25A (m	52800	ppb	NA	.194	.064	.000464
155.24		EPA method 18	73600	ppb	NA	.00845	.0282	NR
155.34		EPA method 18	489000	ppb	NA	.0539	.18	NR
CSU-1.4.2		EPA Method 25A (m	54300	ppb	NA	.226	.0669	.000541

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
155.33		EPA method 18	1170000	ppb	NA	.228	.852	NR
CSU-2.1.1		EPA Method 25A (m	169000	ppb	NA	.704	.115	.000957
CSU-1.5.1		EPA Method 25A (m	64900	ppb	NA	.312	.0841	.000709
155.25		EPA method 18	474000	ppb	NA	.0874	.262	NR
CSU-2.1.2		EPA Method 25A (m	135000	ppb	NA	.559	.091	.00076
CSU-1.5.2		EPA Method 25A (m	95000	ppb	NA	.491	.125	.00112
CSU-1.3.2		EPA Method 25A (m	106000	ppb	NA	.469	.173	.00154
155.31		EPA method 18	233000	ppb	NA	.0411	.12	NR
CSU-1.6.1		EPA Method 25A (m	56400	ppb	NA	.229	.0646	.00052
155.26		EPA method 18	182000	ppb	NA	.0224	.0674	NR
155.30		EPA method 18	381000	ppb	NA	.0454	.157	NR
CSU-1.6.2		EPA Method 25A (m	62100	ppb	NA	.271	.0694	.000616
CSU-1.9.1		EPA Method 25A (m	33900	ppb	NA	.157	.0398	.000357
155.29		EPA method 18	616000	ppb	NA	.108	.388	NR
CSU-1.8.1		EPA Method 25A (m	75100	ppb	NA	.357	.107	.000854
155.27		EPA method 18	453000	ppb	NA	.0902	.293	NR
155.28		EPA method 18	246000	ppb	NA	.0308	.0958	NR
155.32		EPA method 18	180000	ppb	NA	.027	.0732	NR
102.1		EPA method 18	302000	ppb	NA	1.99	.223	.00201
102.2		EPA method 18	272000	ppb	NA	1.66	.198	.00176
155.19		EPA method 18	638000	ppb	NA	.454	.436	NR
CSU-1.12.2		EPA Method 25A (m	53000	ppb	NA	.245	.0725	.000586
CSU-2.11.2		EPA Method 25A (m	148000	ppb	NA	.589	.0998	.0008
155.20		EPA method 18	75900	ppb	NA	.0315	.032	NR
CSU-1.13.1		EPA Method 25A (m	62800	ppb	NA	.299	.0749	.00068
CSU-2.11.1		EPA Method 25A (m	160000	ppb	NA	.638	.108	.000867
155.21		EPA method 18	933000	ppb	NA	.2	.66	NR
CSU-1.13.2		EPA Method 25A (m	63300	ppb	NA	.297	.0743	.000675
155.35		EPA method 18	419000	ppb	NA	.0796	.258	NR
CSU-2.10.2		EPA Method 25A (m	127000	ppb	NA	.502	.0854	.000682
CSU-2.12.1		EPA Method 25A (m	145000	ppb	NA	.588	.0986	.000799
CSU-1.14.2		EPA Method 25A (m	67500	ppb	NA	.304	.0793	.000691

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
155.22		EPA method 18	273000	ppb	NA	.0338	.104	NR
CSU-1.15.1		EPA Method 25A (m	34600	ppb	NA	.17	.042	.000386
155.38		EPA method 18	48400	ppb	NA	.0195	.0192	NR
CSU-1.15.2		EPA Method 25A (m	34000	ppb	NA	.167	.0413	.00038
CSU-2.10.1		EPA Method 25A (m	143000	ppb	NA	.568	.0964	.000772
155.37		EPA method 18	1260000	ppb	NA	.937	1.33	NR
CSU-1.16.1		EPA Method 25A (m	41400	ppb	NA	.2	.0495	.000455
155.23		EPA method 18	984000	ppb	NA	.2	.713	NR
155.36		EPA method 18	167000	ppb	NA	.0186	.0614	NR
103.5.1		EPA 18	57000	ppb	NA	.0297	.0253	NR
103.12.1		EPA 18	22000	ppb	NA	.00867	.0119	NR
103.1.2		EPA 18	104000	ppb	NA	.0153	.0547	NR
103.13.1		EPA 18	50000	ppb	NA	.00852	.0215	NR
CSU-1.16.2		EPA Method 25A (m	31500	ppb	NA	.155	.0383	.000352
107.12		EPA method 18	115000	ppb	NA	.463	.0966	.0201
103.2.2		EPA 18	20000	ppb	NA	.0091	.0107	NR
107.18		EPA method 18	44700	ppb	NA	.0101	.0292	.000438
155.1		EPA method 18	112000	ppb	NA	.0162	.0568	NR
CSU-1.11.1		EPA Method 25A (m	50400	ppb	NA	.225	.0664	.000538
107.11		EPA method 18	113000	ppb	NA	.566	.116	.0246
103.20.1		EPA 18	156000	ppb	NA	.0233	.0594	NR
CSU-2.9.2		EPA Method 25A (m	132000	ppb	NA	.545	.0885	.00074
103.3.2		EPA 18	113000	ppb	NA	.019	.0635	NR
155.2		EPA method 18	109000	ppb	NA	.017	.0466	NR
103.4.2		EPA 18	94000	ppb	NA	.0204	.0544	NR
107.16		EPA method 18	471000	ppb	NA	2.54	.598	.103
CSU-2.9.1		EPA Method 25A (m	168000	ppb	NA	.692	.112	.00094
107.19		EPA method 18	224000	ppb	NA	.914	.214	.0139
103.5.2		EPA 18	66000	ppb	NA	.0374	.0334	NR
CSU-1.10.2		EPA Method 25A (m	30800	ppb	NA	.148	.037	.000336
CSU-1.2/7.2		EPA Method 25A (m	85300	ppb	NA	.389	.126	.0013
103.16.1		EPA 18	155000	ppb	NA	.15	.0566	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
CSU-1.1.2		EPA Method 25A (m	64000	ppb	NA	.304	.0772	.000691
103.15.1		EPA 18	220000	ppb	NA	.0304	.0834	NR
107.15		EPA method 18	207000	ppb	NA	.917	.215	.0374
CSU-1.3.1		EPA Method 25A (m	115000	ppb	NA	.422	.179	.00139
103.17.1		EPA 18	109000	ppb	NA	.0134	.0424	NR
153.1		NR	666000	ppb	NA	22.4	.911	.00704
152		NR	41900	ppb	NA	.894	.0377	.000312
103.15.2		EPA 18	124000	ppb	NA	.0223	.0636	NR
103.18.1		EPA 18	73000	ppb	NA	.0124	.0298	NR
CSU-2.4.2		EPA Method 25A (m	129000	ppb	NA	.419	.0871	.000569
107.14		EPA method 18	5330	ppb	NA	.00516	.00322	.000211
103.19.1		EPA 18	202000	ppb	NA	.0213	.076	NR
153.2		NR	863000	ppb	NA	29.3	1.2	.00916
107.17		EPA method 18	221000	ppb	NA	.0427	.154	.00136
CSU-1.10.1		EPA Method 25A (m	30900	ppb	NA	.148	.0371	.000336
107.13		EPA method 18	123000	ppb	NA	.205	.182	.00892
CSU-1.2/7.1		EPA Method 25A (m	85000	ppb	NA	.331	.125	.00111
103.11.1		EPA 18	33000	ppb	NA	.00967	.0139	NR
103.14.1		EPA 18	173000	ppb	NA	.0221	.067	NR
103.10.2		EPA 18	71000	ppb	NA	.027	.0388	NR
155.5		EPA method 18	350000	ppb	NA	.146	.204	NR
103.9.2		EPA 18	69000	ppb	NA	.0273	.0372	NR
107.21		EPA method 18	50000	ppb	NA	.0128	.0234	NR
127		EPA method 18	220000	ppb	NA	.903	.15	.000974
103.10.1		EPA 18	48000	ppb	NA	.0133	.0187	NR
107.4		EPA method 18	200000	ppb	NA	.00931	.109	.000745
103.8.1		EPA 18	44000	ppb	NA	.0184	.0258	NR
107.6		EPA method 18	85000	ppb	NA	.037	.0481	.000565
155.4		EPA method 18	74200	ppb	NA	.0222	.0378	NR
103.7.1		EPA 18	16000	ppb	NA	.00638	.00594	NR
103.6.1		EPA 18	13400	ppb	NA	.00473	.0116	NR
103.11.2		EPA 18	38000	ppb	NA	.0145	.0207	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
107.5		EPA method 18	85000	ppb	NA	.0176	.0696	.00056
CSU-2.7.1		EPA Method 25A (m	166000	ppb	NA	.474	.106	.00092
107.22		EPA method 18	106000	ppb	NA	.0231	.0588	NR
103.12.2		EPA 18	88000	ppb	NA	.0407	.0567	NR
107.10		EPA method 18	53000	ppb	NA	.00888	.0237	NR
CSU-2.6.2		EPA Method 25A (m	105000	ppb	NA	.409	.0661	.000556
107.9		EPA method 18	638000	ppb	NA	3.34	.9	.136
107.20		EPA method 18	97700	ppb	NA	.374	.0831	.00571
103.6.2		EPA 18	28000	ppb	NA	.0132	.0353	NR
CSU-2.8.2		EPA Method 25A (m	194000	ppb	NA	.682	.14	.000927
107.3		EPA method 18	248000	ppb	NA	.0158	.158	.00127
155.3		EPA method 18	540000	ppb	NA	.226	.39	NR
CSU-2.7.2		EPA Method 25A (m	126000	ppb	NA	.356	.08	.000691
103.9.1		EPA 18	53000	ppb	NA	.0144	.0194	NR
103.7.2		EPA 18	109000	ppb	NA	.0613	.0576	NR
CSU-1.11.2		EPA Method 25A (m	49700	ppb	NA	.229	.0679	.000548
103.13.2		EPA 18	58000	ppb	NA	.0124	.0317	NR
107.8		EPA method 18	421000	ppb	NA	1.6	.428	.065
103.8.2		EPA 18	795000	ppb	NA	.563	.671	NR
CSU-2.8.1		EPA Method 25A (m	194000	ppb	NA	.681	.14	.000925
103.14.2		EPA 18	156000	ppb	NA	.031	.1	NR
					Maximum:	**29.3**	**1.33**	**.136**
					Average:	**.616**	**.139**	**.00393**
NOx								
145		EPA 7E	65400	ppb	NA	3.98	.254	.00433
112.15		EPA 7E	37800	ppb	NA	.0113	.061	.000246
112.19		EPA 7E	23000	ppb	NA	.00557	.0386	.000143
155.24		CARB method 1-100	749000	ppb	NA	.247	.822	NR
152		EPA 20	179000	ppb	NA	11	.462	.00383
112.18		EPA 7E	33800	ppb	NA	.0153	.0533	.000334
122		EPA 7E	1860000	ppb	NA	10.7	2.03	.042

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
112.16		EPA 7E	31000	ppb	NA	.0105	.0469	.000228
155.25		CARB method 1-100	46500	ppb	NA	.0246	.0738	NR
143		EPA 7E	396000	ppb	NA	26.4	1.59	.0132
150.1		EPA 7E	3200000	ppb	NA	16.6	3.7	.0222
112.17		EPA 7E	27600	ppb	NA	.0101	.0448	.00022
150.2		EPA 7E	1630000	ppb	NA	7.68	2.04	.0103
155.26		CARB method 1-100	174000	ppb	NA	.0616	.185	NR
118		EPA 7E	1640000	ppb	NA	14.5	2.11	.0171
155.27		CARB method 1-100	51500	ppb	NA	.0293	.0956	NR
155.9		CARB method 1-100	118000	ppb	NA	.156	.188	NR
155.3		CARB method 1-100	878000	ppb	NA	1.06	1.83	NR
155.13		CARB method 1-100	36500	ppb	NA	.0479	.0789	NR
155.12		CARB method 1-100	1350000	ppb	NA	.674	1.76	NR
155.4		CARB method 1-100	1320000	ppb	NA	1.14	1.93	NR
112.24		EPA 7E	44500	ppb	NA	.0313	.0759	.000239
155.11		CARB method 1-100	123000	ppb	NA	.0783	.233	NR
155.10		CARB method 1-100	1160000	ppb	NA	1.2	1.34	NR
155.19		CARB method 1-100	855000	ppb	NA	1.74	1.68	NR
116.1		CARB 100	45600	ppb	NA	.375	.0888	.000375
155.14		CARB method 1-100	59300	ppb	NA	.0769	.101	NR
114.1		EPA 20	117000	ppb	NA	9.58	.435	.0032
155.5		CARB method 1-100	226000	ppb	NA	.27	.378	NR
155.8		CARB method 1-100	296000	ppb	NA	.217	.306	NR
114.2		EPA 20	67600	ppb	NA	5.67	.256	.00189
155.6		CARB method 1-100	1030000	ppb	NA	.65	1.06	NR
155.7		CARB method 1-100	277000	ppb	NA	.286	.367	NR
115		EPA 20	137000	ppb	NA	9.51	.407	.00334
113		CARB 1-100	57700	ppb	NA	2.3	.146	.00119
155.1		CARB method 1-100	88900	ppb	NA	.037	.129	NR
155.23		CARB method 1-100	12700	ppb	NA	.00738	.0264	NR
121		CARB 1-100	2660000	ppb	NA	16.8	2.78	.0219
155.22		CARB method 1-100	617000	ppb	NA	.22	.674	NR

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
153.2		EPA 7E	125000	ppb	NA	12.2	.499	.0038
112.20		EPA 7E	62100	ppb	NA	.0499	.106	.000222
155.21		CARB method 1-100	226000	ppb	NA	.138	.456	NR
120		CARB 1-100	1670000	ppb	NA	17.4	1.71	.0259
116.2		CARB 100	52400	ppb	NA	.466	.103	.000466
155.20		CARB method 1-100	1660000	ppb	NA	1.98	2.02	NR
112.23		EPA 7E	36600	ppb	NA	.0167	.0597	.000128
155.18		CARB method 1-100	1990000	ppb	NA	1.6	3.36	NR
155.17		CARB method 1-100	1060000	ppb	NA	.953	1.98	NR
155.2		CARB method 1-100	664000	ppb	NA	.298	.816	NR
155.16		CARB method 1-100	1250000	ppb	NA	1.12	1.55	NR
112.22		EPA 7E	33700	ppb	NA	.02	.0583	.000152
117		EPA 7E	14300	ppb	NA	.358	.0699	.000447
155.15		CARB method 1-100	110000	ppb	NA	.154	.27	NR
153.1		EPA 7E	122000	ppb	NA	11.7	.479	.00369
112.21		EPA 7E	19800	ppb	NA	.0122	.0433	.0000931
129.4		NR	116000	ppb	NA	.0289	.13	.000193
123.1		EPA method 7E	1090000	ppb	NA	10.6	1.44	.0132
133		EPA 7E	101000	ppb	NA	1.37	.2	.00136
107.4		EPA method 7E	43700	ppb	NA	.00585	.0682	.000468
132		EPA 20	210000	ppb	NA	12.5	.775	.00597
107.5		EPA method 7E	29400	ppb	NA	.0175	.0693	.000556
107.3		EPA method 7E	40500	ppb	NA	.00742	.074	.000593
107.6		EPA method 7E	52800	ppb	NA	.066	.0859	.00101
107.2		EPA method 7E	19100	ppb	NA	.00319	.0333	.000255
107.7		EPA method 7E	40500	ppb	NA	.0244	.063	.000656
107.8		EPA method 7E	178000	ppb	NA	1.94	.52	.0789
129.3		NR	103000	ppb	NA	.033	.113	.00022
129.2		NR	41000	ppb	NA	.0076	.0434	.0000507
107.9		EPA method 7E	166000	ppb	NA	2.51	.676	.102
129.1		NR	73000	ppb	NA	.0135	.0776	.00009
128		EPA 7E	679000	ppb	NA	35.8	2.46	.0289

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
104.2		EPA 7E	1540000	ppb	NA	4.4	2.72	.0244
108.1.2		CARB method 1-100	19300	ppb	NA	.152	.02	.000269
108.1.1		CARB method 1-100	1670000	ppb	NA	13.6	1.74	.024
126.6		CARB method 1-100	82700	ppb	NA	1.15	.168	.00148
101		EPA method 7E	541000	ppb	NA	2.63	.856	.00478
102.1		EPA method 7E	35900	ppb	NA	.682	.0764	.000689
134		EPA 7E	216000	ppb	NA	2.61	.416	.00316
102.2		EPA method 7E	78300	ppb	NA	1.38	.164	.00146
130.1		EPA 7E	164000	ppb	NA	24.6	.639	.00593
104.1		EPA 7E	1370000	ppb	NA	12.6	1.98	.0136
106		EPA method 20	4200000	ppb	NA	54.5	5.06	.0495
137		EPA 7E	3220000	ppb	NA	12.5	3.47	NR
107.1		EPA method 7E	24100	ppb	NA	.00713	.0547	.000571
136.2		NR	136000	ppb	NA	.136	.144	NR
136.1		NR	139000	ppb	NA	.14	.165	NR
104.3		EPA 7E	463000	ppb	NA	1.08	.803	.00916
107.19		EPA method 7E	329000	ppb	NA	3.85	.901	.0588
138		EPA 7E	402000	ppb	NA	12.4	1.55	.0135
139		EPA method 7E	162000	ppb	NA	3.13	.342	.00307
107.17		EPA method 7E	7330	ppb	NA	.00408	.0147	.00013
131.4		CARB 1-100	108000	ppb	NA	1.48	.218	.0014
107.18		EPA method 7E	2860000	ppb	NA	1.85	5.37	.0806
130.2		EPA 7E	91300	ppb	NA	13.1	.379	.00313
131.1		CARB 1-100	128000	ppb	NA	1.72	.252	.00177
141		EPA 20	263000	ppb	NA	4.42	.394	.00423
107.20		EPA method 7E	612000	ppb	NA	6.75	1.5	.103
102.4		CARB method 100	91200	ppb	NA	1.32	.189	.00148
107.21		EPA method 7E	1300000	ppb	NA	.958	1.75	NR
107.22		EPA method 7E	1900000	ppb	NA	1.19	3.02	NR
107.24		EPA method 7E	1510000	ppb	NA	16	3.55	NR
107.23		EPA method 7E	106000	ppb	NA	1.65	.362	NR
131.2		CARB 1-100	105000	ppb	NA	1.46	.211	.0015

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
107.13		EPA method 7E	176000	ppb	NA	.849	.75	.0369
108.3.1		CARB method 1-100	2030000	ppb	NA	16.4	2.15	.0293
144.6		CARB 103	179000	ppb	NA	2.57	.338	.00295
107.11		EPA method 7E	535000	ppb	NA	7.73	1.58	.336
144.5		CARB 103	171000	ppb	NA	2.37	.341	.00256
107.12		EPA method 7E	1750000	ppb	NA	20.2	4.22	.878
144.4		CARB 103	93000	ppb	NA	1.29	.185	.00151
107.16		EPA method 7E	30300	ppb	NA	.469	.111	.0191
144.2		CARB 101	88000	ppb	NA	1.33	.179	.00153
140		EPA 7E	758000	ppb	NA	8.26	.827	.0124
144.1		CARB 100	30000	ppb	NA	.4	.0587	.000438
107.14		EPA method 7E	2360000	ppb	NA	6.55	4.1	.268
142.2		EPA 20	708000	ppb	NA	3.36	.749	NR
142.1		EPA 20	41300	ppb	NA	.259	.0434	NR
107.15		EPA method 7E	159000	ppb	NA	2.01	.474	.0822
107.10		EPA method 7E	961000	ppb	NA	.463	1.23	NR
144.3		CARB 103	81000	ppb	NA	1.15	.171	.00143
112.3		EPA 7E	17300	ppb	NA	.0137	.0388	.000218
155.38		CARB method 1-100	3530000	ppb	NA	4.1	4.01	NR
112.6		EPA 7E	40600	ppb	NA	.00756	.0752	.000302
112.5		EPA 7E	19100	ppb	NA	.00324	.0336	.00013
124		CARB 100.1	25100	ppb	NA	.0164	.0262	.000131
112.4		EPA 7E	24200	ppb	NA	.00729	.0558	.000291
112.1		EPA 7E	17900	ppb	NA	.0108	.0319	.000172
125.1		EPA method 7e	240000	ppb	NA	13.3	.925	.00983
155.36		CARB method 1-100	789000	ppb	NA	.253	.836	NR
125.2		EPA method 7e	258000	ppb	NA	15	.979	.0111
125.3		EPA method 7E	733000	ppb	NA	33	2.68	.0244
125.4		EPA method 7E	657000	ppb	NA	30.7	2.45	.0228
112.2		EPA 7E	7340	ppb	NA	.00414	.0149	.0000657
125.5		EPA method 7E	940000	ppb	NA	41.7	3.3	.0309
108.2.1		CARB method 1-100	2210000	ppb	NA	17	2.31	.0305

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
123.2		EPA method 7E	670000	ppb	NA	8.82	.707	.00735
155.33		CARB method 1-100	18100	ppb	NA	.0102	.0378	NR
112.14		EPA 7E	32300	ppb	NA	.00703	.0572	.00018
155.29		CARB method 1-100	83300	ppb	NA	.042	.15	NR
112.13		EPA 7E	50000	ppb	NA	.0202	.0811	.000412
155.30		CARB method 1-100	982000	ppb	NA	.339	1.16	NR
112.12		EPA 7E	46400	ppb	NA	.0204	.0736	.000416
155.31		CARB method 1-100	46600	ppb	NA	.0232	.0683	NR
155.37		CARB method 1-100	784000	ppb	NA	1.67	2.37	NR
112.11		EPA 7E	35700	ppb	NA	.0205	.0601	.000446
112.7		EPA 7E	44800	ppb	NA	.00618	.0706	.000248
112.10		EPA 7E	40500	ppb	NA	.0247	.0637	.000392
155.34		CARB method 1-100	1050000	ppb	NA	.332	1.11	NR
112.9		EPA 7E	52500	ppb	NA	.0669	.0871	.00051
155.35		CARB method 1-100	256000	ppb	NA	.14	.454	NR
112.8		EPA 7E	28700	ppb	NA	.0175	.0683	.000278
111		CARB method 1-100	40300	ppb	NA	.571	.0738	.000571
155.32		CARB method 1-100	106000	ppb	NA	.0458	.124	NR
126.4		CARB method 1-100	96800	ppb	NA	1.4	.21	.00152
105.1		EPA 7E	100000	ppb	NA	2.2	.301	.00278
108.7.2		CARB method 1-100	506000	ppb	NA	3.51	.523	.00632
126.3		CARB method 1-100	87700	ppb	NA	.985	.182	.00142
108.7.1		CARB method 1-100	2510000	ppb	NA	17.1	2.6	.0309
108.6.2		CARB method 1-100	158000	ppb	NA	1.17	.165	.00216
125.6		EPA method 7E	410000	ppb	NA	19.4	1.51	.0144
108.5.2		CARB method 1-100	193000	ppb	NA	1.42	.201	.00247
126.1		CARB method 1-100	59300	ppb	NA	.869	.134	.00114
108.5.1		CARB method 1-100	2270000	ppb	NA	17	2.37	.0294
108.4.2		CARB method 1-100	347000	ppb	NA	2.5	.36	.00448
108.4.1		CARB method 1-100	2280000	ppb	NA	16.7	2.39	.0298
108.3.2		CARB method 1-100	70300	ppb	NA	.57	.0738	.00102
126.5		CARB method 1-100	102000	ppb	NA	1.42	.212	.00164

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
155.28		CARB method 1-100	204000	ppb	NA	.0733	.228	NR
108.6.1		CARB method 1-100	1520000	ppb	NA	11.2	1.58	.0207
110.1		NR	761000	ppb	NA	46.6	2.11	.0233
125.7		EPA method 7E	1120000	ppb	NA	45.5	3.37	.0337
110.4		NR	132000	ppb	NA	1.85	.247	.00168
125.8		EPA method 7E	390000	ppb	NA	17.5	1.43	.0129
125.9		EPA method 7E	373000	ppb	NA	16.5	1.37	.0122
110.3		NR	965000	ppb	NA	51.6	2.77	.0258
125.10		EPA method 7E	453000	ppb	NA	20.7	1.77	.0153
126.2		CARB method 1-100	72200	ppb	NA	1.01	.147	.00114
110.2		NR	948000	ppb	NA	55.3	2.82	.0277
105.2		EPA 7E	1090000	ppb	NA	38.2	3.6	.0382
125.12		EPA method 7E	3510000	ppb	NA	139	5.99	.0693
125.13		EPA method 7E	2920000	ppb	NA	126	5.6	.063
125.14		EPA method 7E	3650000	ppb	NA	141	6.01	.0703
125.15		EPA method 7E	3240000	ppb	NA	130	5.66	.0648
109		EPA 7E	173000	ppb	NA	7.83	.431	.00396
108.2.2		CARB method 1-100	75000	ppb	NA	.569	.078	.00102
125.11		EPA method 7E	3210000	ppb	NA	123	4.98	.0613
31.12x		FTIR	1020000	ppb	20000	24.1	3.14	.03
CSU-1.9.1		EPA Method 7E	133000	ppb	NA	1.78	.449	.00405
31.17x		FTIR	1480000	ppb	25000	60.4	3.42	.0298
31.16x		FTIR	1240000	ppb	20000	28.3	3.77	.0399
CSU-1.9.2		EPA Method 7E	141000	ppb	NA	1.91	.483	.00434
31.15x		FTIR	1400000	ppb	20000	32	4.13	.0442
31.14x		FTIR	1690000	ppb	25000	38.2	4.66	.0539
CSU-1.4.2		EPA Method 7E	325000	ppb	NA	3.89	1.15	.00931
31.13x		FTIR	1670000	ppb	25000	36.3	4.6	.0518
CSU-1.8.2		EPA Method 7E	33700	ppb	NA	.444	.132	.00106
CSU-2.1.2		EPA Method 7E	119000	ppb	NA	1.43	.232	.00194
31.11x		FTIR	1240000	ppb	20000	30.2	3.93	.0365
CSU-2.10.1		EPA Method 7E	132000	ppb	NA	1.51	.256	.00205

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
31.10x		FTIR	2100000	ppb	25000	40.6	5.37	.0472
CSU-2.10.2		EPA Method 7E	137000	ppb	NA	1.56	.265	.00212
31.9x		FTIR	1720000	ppb	25000	34.7	4.33	.0415
CSU-2.1.1		EPA Method 7E	112000	ppb	NA	1.34	.218	.00182
CSU-1.6.1		EPA Method 7E	226000	ppb	NA	2.64	.746	.006
CSU-2.2.1		EPA Method 7E	76300	ppb	NA	.668	.148	.0013
103.10.1		CARB method 1-100	2200000	ppb	NA	1.76	2.47	NR
CSU-1.5.1		EPA Method 7E	39900	ppb	NA	.551	.149	.00125
103.9.1		CARB method 1-100	2270000	ppb	NA	1.77	2.39	NR
103.8.1		CARB method 1-100	124000	ppb	NA	.149	.209	NR
CSU-1.5.2		EPA Method 7E	44400	ppb	NA	.66	.168	.0015
31.18x		FTIR	1330000	ppb	20000	53.7	3.44	.0276
103.6.1		CARB method 1-100	593000	ppb	NA	.604	1.47	NR
31.19x		FTIR	1280000	ppb	20000	52.6	3.3	.0273
103.5.1		CARB method 1-100	2170000	ppb	NA	3.24	2.76	NR
CSU-1.6.2		EPA Method 7E	229000	ppb	NA	2.88	.736	.00655
103.3.1		CARB method 1-100	1080000	ppb	NA	.433	1.38	NR
CSU-1.8.1		EPA Method 7E	29900	ppb	NA	.408	.122	.000976
103.2.1		CARB method 1-100	1920000	ppb	NA	1.94	2.32	NR
103.1.1		CARB method 1-100	641000	ppb	NA	.194	.693	NR
31.7x		FTIR	1370000	ppb	NA	38	3.67	.0332
103.7.1		CARB method 1-100	1300000	ppb	NA	1.5	1.39	NR
29.11x		FTIR	278000	ppb	NA	17.4	1.08	.0114
CSU-2.11.1		EPA Method 7E	110000	ppb	NA	1.26	.213	.00171
103.4.1		CARB method 1-100	2420000	ppb	NA	1.22	3.1	NR
CSU-2.14.2		EPA Method 7E	184000	ppb	NA	2.17	.36	.00295
29.8x		FTIR	391000	ppb	NA	13.3	1.29	.0108
CSU-2.15.1		EPA Method 7E	94200	ppb	NA	1.17	.185	.00159
29.7x		FTIR	396000	ppb	NA	13.7	1.32	.0111
151.20.2		CARB 1-100	60400	ppb	NA	.403	.0612	.00062
CSU-2.15.2		EPA Method 7E	102000	ppb	NA	1.26	.199	.00171
160.3.2		CARB 100	37100	ppb	NA	.477	.0386	.000355

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.16.1	EPA Method 7E	108000	ppb	NA	1.32	.211	.00179
	29.10x	FTIR	638000	ppb	NA	35.4	2.2	.0193
	29.9x	FTIR	560000	ppb	NA	31.9	2	.0174
	CSU-2.16.2	EPA Method 7E	117000	ppb	NA	1.42	.228	.00193
	29.21x	FTIR	1450000	ppb	NA	135	5.25	.0419
	29.20x	FTIR	1200000	ppb	NA	116	4.37	.0364
	29.19x	FTIR	1420000	ppb	NA	120	5.08	.039
	29.6x	FTIR	299000	ppb	NA	10.9	1.08	.01
	CSU-2.13.1	EPA Method 7E	65600	ppb	NA	.893	.136	.00121
	103.12.1	CARB method 1-100	652000	ppb	NA	.739	1.01	NR
	CSU-2.11.2	EPA Method 7E	118000	ppb	NA	1.35	.229	.00183
	31.6x	FTIR	1290000	ppb	NA	35.8	3.45	.0313
	31.5x	FTIR	42800	ppb	NA	1.32	.156	.00148
	CSU-2.12.1	EPA Method 7E	111000	ppb	NA	1.3	.218	.00177
	31.4x	FTIR	384000	ppb	10000	23.3	1.48	.014
	160.2.2	CARB 100	75900	ppb	NA	.961	.0791	.000717
	CSU-2.12.2	EPA Method 7E	118000	ppb	NA	1.37	.23	.00186
	31.8x	FTIR	994000	ppb	NA	27.5	2.74	.024
	31.2x	FTIR	1820000	ppb	10000	68.9	4.06	.0695
	CSU-2.13.2	EPA Method 7E	70800	ppb	NA	.909	.138	.00124
	31.1x	FTIR	233000	ppb	10000	10.1	.898	.0102
	160.3.1	CARB 100	2960000	ppb	NA	38.1	3.1	.0284
	160.2.1	CARB 100	2930000	ppb	NA	37.1	3.08	.0277
	CSU-2.14.1	EPA Method 7E	174000	ppb	NA	2.04	.339	.00277
	160.1.1	CARB 100	3050000	ppb	NA	40	3.17	.0298
	31.3x	FTIR	1250000	ppb	10000	73.9	4.26	.0377
	151.24.3	CARB 1-100	25700	ppb	NA	.175	.026	.000269
	151.4.3	CARB 1-100	226000	ppb	NA	1.56	.229	.00236
	151.4.2	CARB 1-100	223000	ppb	NA	1.54	.225	.00233
	151.3.3	CARB 1-100	1880000	ppb	NA	13	1.9	.0197
	151.3.2	CARB 1-100	1910000	ppb	NA	13.2	1.93	.02
	160.4.2	CARB 100	95200	ppb	NA	1.23	.0989	.000915

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
160.4.1		CARB 100	3070000	ppb	NA	39.6	3.19	.0295
103.11.1		CARB method 1-100	6200000	ppb	NA	5.22	7.51	NR
103.20.2		CARB method 1-100	51100	ppb	NA	.0354	.0951	NR
151.8.2		CARB 1-100	22700	ppb	NA	.15	.023	.000227
103.19.2		CARB method 1-100	254000	ppb	NA	.0889	.325	NR
151.27.2		CARB 1-100	1410000	ppb	NA	9.97	1.46	.0153
103.18.2		CARB method 1-100	34600	ppb	NA	.024	.0622	NR
151.27.3		CARB 1-100	1700000	ppb	NA	12	1.77	.0185
103.17.2		CARB method 1-100	11600	ppb	NA	.00951	.0269	NR
151.28.2		CARB 1-100	4610	ppb	NA	.0329	.00466	.0000506
151.20.3		CARB 1-100	65800	ppb	NA	.439	.0667	.000675
151.23.3		CARB 1-100	2060000	ppb	NA	14.1	2.1	.0217
151.19.3		CARB 1-100	1880000	ppb	NA	12.7	1.93	.0195
151.19.2		CARB 1-100	1680000	ppb	NA	11.4	1.74	.0175
151.15.2		CARB 1-100	1240000	ppb	NA	8.66	1.27	.0133
151.12.3		CARB 1-100	35000	ppb	NA	.236	.0355	.000358
151.12.2		CARB 1-100	16000	ppb	NA	.108	.0162	.000164
151.11.3		CARB 1-100	1490000	ppb	NA	10.1	1.52	.0153
151.7.2		CARB 1-100	1990000	ppb	NA	13.2	2.02	.02
151.24.2		CARB 1-100	46200	ppb	NA	.314	.0468	.000483
151.7.3		CARB 1-100	2210000	ppb	NA	14.7	2.24	.0223
151.23.2		CARB 1-100	1620000	ppb	NA	11.1	1.66	.0171
151.16.3		CARB 1-100	117000	ppb	NA	.809	.119	.00124
151.16.2		CARB 1-100	42200	ppb	NA	.29	.0427	.000446
151.15.3		CARB 1-100	1960000	ppb	NA	13.7	2.01	.0211
151.11.2		CARB 1-100	1190000	ppb	NA	8.04	1.21	.0122
151.8.3		CARB 1-100	23000	ppb	NA	.152	.0233	.00023
103.15.2		CARB method 1-100	34700	ppb	NA	.018	.0511	NR
151.28.3		CARB 1-100	3330	ppb	NA	.0237	.00337	.0000365
103.18.1		CARB method 1-100	1610000	ppb	NA	.783	1.89	NR
103.16.2		CARB method 1-100	60200	ppb	NA	.168	.0898	NR
CSU-1.15.1		EPA Method 7E	140000	ppb	NA	1.97	.487	.00448

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	103.2.2	CARB method 1-100	370000	ppb	NA	.484	.57	NR
	103.1.2	CARB method 1-100	173000	ppb	NA	.073	.261	NR
	CSU-1.15.2	EPA Method 7E	147000	ppb	NA	2.08	.514	.00473
	103.20.1	CARB method 1-100	2140000	ppb	NA	.921	2.35	NR
	103.4.2	CARB method 1-100	312000	ppb	NA	.195	.519	NR
	CSU-1.16.1	EPA Method 7E	163000	ppb	NA	2.26	.558	.00514
	CSU-1.14.2	EPA Method 7E	92500	ppb	NA	1.2	.312	.00273
	103.17.1	CARB method 1-100	1300000	ppb	NA	.459	1.45	NR
	103.16.1	CARB method 1-100	305000	ppb	NA	.848	.32	NR
	CSU-1.3.2	EPA Method 7E	6790	ppb	NA	.0866	.0319	.000285
	103.15.1	CARB method 1-100	125000	ppb	NA	.0495	.136	NR
	103.14.1	CARB method 1-100	461000	ppb	NA	.169	.513	NR
	CSU-1.4.1	EPA Method 7E	321000	ppb	NA	3.4	1.12	.00813
	103.13.1	CARB method 1-100	1160000	ppb	NA	.567	1.43	NR
	103.19.1	CARB method 1-100	485000	ppb	NA	.147	.525	NR
	103.10.2	CARB method 1-100	465000	ppb	NA	.508	.73	NR
	160.1.2	CARB 100	79500	ppb	NA	1.05	.083	.00078
	CSU-1.12.1	EPA Method 7E	30500	ppb	NA	.397	.118	.00095
	103.14.2	CARB method 1-100	207000	ppb	NA	.118	.383	NR
	103.13.2	CARB method 1-100	95300	ppb	NA	.0588	.15	NR
	CSU-1.12.2	EPA Method 7E	34200	ppb	NA	.454	.134	.00109
	103.12.2	CARB method 1-100	353000	ppb	NA	.469	.653	NR
	103.3.2	CARB method 1-100	277000	ppb	NA	.134	.447	NR
	CSU-1.13.1	EPA Method 7E	94400	ppb	NA	1.29	.324	.00293
	CSU-1.1.1	EPA Method 7E	108000	ppb	NA	1.39	.37	.00316
	103.9.2	CARB method 1-100	803000	ppb	NA	.914	1.25	NR
	CSU-1.13.2	EPA Method 7E	101000	ppb	NA	1.36	.34	.00309
	103.8.2	CARB method 1-100	18700	ppb	NA	.0382	.0455	NR
	103.7.2	CARB method 1-100	197000	ppb	NA	.318	.299	NR
	CSU-1.14.1	EPA Method 7E	87200	ppb	NA	1.15	.299	.00261
	103.6.2	CARB method 1-100	407000	ppb	NA	.553	1.48	NR
	103.5.2	CARB method 1-100	973000	ppb	NA	1.59	1.42	NR

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
103.11.2		CARB method 1-100	2530000	ppb	NA	2.77	3.96	NR
29.47x		FTIR	53300	ppb	NA	1.9	.12	.00112
29.24x		FTIR	36900	ppb	NA	1.75	.14	.00102
151.22		CARB 1-100	16500	ppb	NA	.113	.0167	.000173
151.20.1		CARB 1-100	56400	ppb	NA	.376	.0571	.000578
29.25x		FTIR	20200	ppb	NA	.873	.0795	.000614
151.19.1		CARB 1-100	2060000	ppb	NA	14	2.13	.0215
CSU-2.9.1		EPA Method 7E	107000	ppb	NA	1.27	.207	.00173
29.44x		FTIR	69700	ppb	NA	2.48	.153	.00139
151.21		CARB 1-100	2140000	ppb	NA	14.7	2.18	.0226
151.18		CARB 1-100	65800	ppb	NA	.439	.0667	.000676
29.45x		FTIR	58700	ppb	NA	1.98	.131	.00121
CSU-2.8.2		EPA Method 7E	65700	ppb	NA	.665	.136	.000904
29.46x		FTIR	64600	ppb	NA	2.28	.143	.00124
29.52x		FTIR	55100	ppb	NA	1.8	.122	.00113
151.15.1		CARB 1-100	2190000	ppb	NA	15.3	2.25	.0235
151.23.1		CARB 1-100	2230000	ppb	NA	15.3	2.27	.0235
CSU-2.8.1		EPA Method 7E	60900	ppb	NA	.616	.126	.000837
151.17		CARB 1-100	1950000	ppb	NA	13.1	2	.0202
29.48x		FTIR	48700	ppb	NA	1.82	.111	.00108
151.12.1		CARB 1-100	52000	ppb	NA	.351	.0527	.000532
29.49x		FTIR	55700	ppb	NA	2.05	.125	.00116
158.2		EPA 7E	373000	ppb	NA	4.52	.399	NR
CSU-2.7.2		EPA Method 7E	154000	ppb	NA	1.25	.281	.00243
29.26x		FTIR	44000	ppb	NA	2.11	.169	.00118
151.14		CARB 1-100	120000	ppb	NA	.852	.122	.00131
151.13		CARB 1-100	2020000	ppb	NA	14.5	2.06	.0223
29.51x		FTIR	67000	ppb	NA	2.2	.145	.00126
CSU-2.7.1		EPA Method 7E	146000	ppb	NA	1.2	.269	.00233
151.16.1		CARB 1-100	96300	ppb	NA	.663	.0975	.00102
151.28.1		CARB 1-100	3540	ppb	NA	.0252	.00358	.0000388
159.1		CARB 100	57800	ppb	NA	.918	.119	.00119

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
159.2		CARB 100	62200	ppb	NA	.962	.124	.0011
158.1		EPA 7E	2200000	ppb	NA	26.6	2.34	NR
102.3		CARB method 100	87600	ppb	NA	1.26	.178	.0014
157.2		CARB 1-100	2390000	ppb	NA	9.82	2.77	NR
157.1		CARB 1-100	93800	ppb	NA	.385	.16	NR
29.36x		FTIR	259000	ppb	NA	15.9	.555	.00445
156		CARB 1-100	27800	ppb	NA	.0924	.029	NR
29.37x		FTIR	1300000	ppb	NA	78.2	2.41	.019
154.2		EPA 7E	119000	ppb	NA	16.5	.491	.00393
CSU-1.3.1		EPA Method 7E	7000	ppb	NA	.0741	.0314	.000244
154.1		EPA 7E	108000	ppb	NA	15.5	.444	.00369
CSU-2.9.2		EPA Method 7E	118000	ppb	NA	1.4	.227	.0019
29.33x		FTIR	1750000	ppb	NA	109	3.28	.0265
29.18x		FTIR	2100000	ppb	NA	179	7.03	.0538
CSU-1.2/7.2		EPA Method 7E	7030	ppb	NA	.092	.0298	.000307
29.34x		FTIR	1660000	ppb	NA	103	3.06	.0243
151.27.1		CARB 1-100	1800000	ppb	NA	12.7	1.87	.0195
151.26		CARB 1-100	3320	ppb	NA	.0233	.00336	.0000359
29.35x		FTIR	825000	ppb	NA	44.4	1.59	.0122
CSU-1.2/7.1		EPA Method 7E	6990	ppb	NA	.0784	.0297	.000262
29.23x		FTIR	34100	ppb	NA	1.68	.131	.001
151.25		CARB 1-100	1730000	ppb	NA	12.5	1.8	.0192
29.27ax		FTIR	33100	ppb	NA	1.56	.13	.000974
CSU-1.16.2		EPA Method 7E	171000	ppb	NA	2.42	.597	.0055
151.24.1		CARB 1-100	11500	ppb	NA	.078	.0116	.00012
29.22x		FTIR	39200	ppb	NA	1.94	.153	.00111
29.50x		FTIR	60000	ppb	NA	2.16	.131	.00123
29.38x		FTIR	1540000	ppb	NA	92.9	2.83	.0223
151.2		CARB 1-100	210000	ppb	NA	1.46	.212	.00222
151.7.1		CARB 1-100	2350000	ppb	NA	15.6	2.39	.0236
CSU-2.4.2		EPA Method 7E	113000	ppb	NA	1.06	.22	.00144
29.29x		FTIR	2540000	ppb	NA	8.59	2.62	.0184

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
151.4.1		CARB 1-100	215000	ppb	NA	1.49	.218	.00226
151.8.1		CARB 1-100	24000	ppb	NA	.159	.0243	.000241
29.2x		FTIR	1340000	ppb	NA	44.8	4.27	.0492
151.11.1		CARB 1-100	1850000	ppb	NA	12.5	1.88	.0189
29.3x		FTIR	373000	ppb	NA	11.6	1.31	.0159
CSU-2.4.1		EPA Method 7E	108000	ppb	NA	1.01	.209	.00137
29.12x		FTIR	870000	ppb	NA	43.5	3.05	.0242
151.5		CARB 1-100	2310000	ppb	NA	15.8	2.35	.0239
151.3.1		CARB 1-100	2000000	ppb	NA	13.9	2.03	.0211
29.13x		FTIR	309000	ppb	NA	15.2	1.16	.00971
29.28x		FTIR	2840000	ppb	NA	14.6	2.94	.0185
149.1		EPA 7E and 20	303000	ppb	NA	30.2	1.06	.00887
127		CARB method 100	187000	ppb	NA	2.2	.366	.00238
29.17x		FTIR	1700000	ppb	NA	159	5.75	.0473
CSU-1.11.2		EPA Method 7E	31200	ppb	NA	.414	.122	.00099
CSU-2.2.2		EPA Method 7E	82500	ppb	NA	.723	.161	.0014
29.5x		FTIR	1030000	ppb	NA	34	3.75	.0405
CSU-2.3.2		EPA Method 7E	81700	ppb	NA	.591	.159	.00115
147		EPA 7E	52000	ppb	NA	.451	.111	NR
29.14x		FTIR	364000	ppb	NA	16.3	1.37	.0105
29.16x		FTIR	757000	ppb	NA	35.4	2.65	.0207
CSU-2.3.1		EPA Method 7E	72800	ppb	NA	.527	.142	.00102
149.2		EPA 7E and 20	78500	ppb	NA	9.43	.3	.00277
29.15x		FTIR	1430000	ppb	NA	64.4	4.76	.0354
151.1		CARB 1-100	1860000	ppb	NA	12.9	1.88	.0196
29.1x		FTIR	914000	ppb	NA	27.9	2.87	.0326
29.4x		FTIR	496000	ppb	NA	16.9	2.01	.0225
29.40x		FTIR	3040000	ppb	NA	85.2	5.24	.0468
CSU-1.1.2		EPA Method 7E	113000	ppb	NA	1.54	.392	.0035
29.30ax		FTIR	8030	ppb	NA	.0429	.00816	.0000504
CSU-2.6.2		EPA Method 7E	214000	ppb	NA	2.41	.389	.00327
151.9		CARB 1-100	1910000	ppb	NA	12.9	1.94	.0196

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.6.1	EPA Method 7E	205000	ppb	NA	2.33	.376	.00317
	29.31x	FTIR	8380	ppb	NA	.0431	.00853	.0000523
	29.32x	FTIR	35300	ppb	NA	.117	.0358	.000256
	151.6	CARB 1-100	24600	ppb	NA	.167	.025	.000253
	29.39x	FTIR	3350000	ppb	NA	87.7	5.65	.0498
	CSU-1.10.1	EPA Method 7E	155000	ppb	NA	2.14	.534	.00486
	CSU-1.10.2	EPA Method 7E	162000	ppb	NA	2.24	.56	.00509
	29.42x	FTIR	677000	ppb	NA	18.8	1.2	.0104
	29.41x	FTIR	3340000	ppb	NA	89.7	5.63	.0493
	151.10	CARB 1-100	69400	ppb	NA	.47	.0704	.000712
	29.43x	FTIR	775000	ppb	NA	21.6	1.37	.012
	CSU-2.5.1	EPA Method 7E	71700	ppb	NA	.955	.149	.0013
	CSU-1.11.1	EPA Method 7E	27600	ppb	NA	.354	.105	.000847
	CSU-2.5.2	EPA Method 7E	78200	ppb	NA	1.03	.161	.0014
					Maximum:	**179**	**7.51**	**.878**
					Average:	**11.8**	**1.16**	**.0167**
PM-10								
	29.45x	EPA 201A	.0001	gr/dscf	NA	.00403	.000266	.00000246
	102.1	EPA method 5	.169	gr/dscm	NA	.11	.0123	.000111
	31.7x	EPA 201A	.003	gr/dscf	NA	.1	.00964	.0000874
	29.27ax	EPA 201A	.0001	gr/dscf	NA	.00565	.000468	.00000353
	133	EPA 5	.158	gr/dscm	NA	.0826	.0105	.0000822
	102.2	EPA method 5	.0795	gr/dscm	NA	.0426	.0057	.0000451
	31.2x	EPA 201A	.005	gr/dscf	NA	.227	.0134	.000229
	29.30ax	EPA 201A	.0006	gr/dscf	NA	.00384	.00073	.00000451
	31.1x	EPA 201A	.02	gr/dscf	NA	1.04	.0923	.00106
					Maximum:	**1.04**	**.0923**	**.00106**
					Average:	**.18**	**.0161**	**.000181**
TGNMO								
	162.2.2	EPA 25	1300000	ppb	NA	93.2	2.03	.0131
	162.2.1	EPA 25	7690000	ppb	NA	559	12.6	.0787

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	162.1.2	EPA 25	4480000	ppb	NA	308	6.29	.0434
	162.3.1	EPA 25	2060000	ppb	NA	151	3.1	.0212
	162.1.1	EPA 25	15300000	ppb	NA	1120	22.8	.157
	162.3.2	EPA 10	524000	ppb	NA	38.3	.792	.00538
	131.4	NR	30800	ppb	NA	.147	.0216	.000139
	131.2	NR	44800	ppb	NA	.217	.0313	.000223
	131.1	NR	32700	ppb	NA	.153	.0225	.000157
					Maximum:	**1120**	**22.8**	**.157**
					Average:	**252**	**5.3**	**.0355**
THC								
	CSU-1.13.1	EPA Method 25A	911000	ppb	NA	4.34	1.09	.00986
	CSU-1.11.1	EPA Method 25A	1330000	ppb	NA	5.91	1.75	.0141
	CSU-1.1.2	EPA Method 25A	976000	ppb	NA	4.63	1.18	.0105
	CSU-1.12.1	EPA Method 25A	1310000	ppb	NA	5.94	1.76	.0142
	CSU-1.10.1	EPA Method 25A	965000	ppb	NA	4.63	1.16	.0105
	CSU-1.11.2	EPA Method 25A	1380000	ppb	NA	6.35	1.88	.0152
	CSU-1.10.2	EPA Method 25A	1010000	ppb	NA	4.83	1.21	.011
	CSU-1.12.2	EPA Method 25A	1360000	ppb	NA	6.29	1.87	.015
	CSU-2.13.2	EPA Method 25A	2000000	ppb	NA	8.94	1.36	.0121
	CSU-2.9.2	EPA Method 25A	1870000	ppb	NA	7.72	1.25	.0105
	CSU-2.6.2	EPA Method 25A	1590000	ppb	NA	6.23	1.01	.00846
	CSU-2.10.1	EPA Method 25A	1710000	ppb	NA	6.82	1.16	.00927
	CSU-2.10.2	EPA Method 25A	1800000	ppb	NA	7.1	1.21	.00965
	CSU-2.6.1	EPA Method 25A	1600000	ppb	NA	6.32	1.02	.00859
	CSU-2.11.1	EPA Method 25A	1840000	ppb	NA	7.34	1.24	.00997
	CSU-2.5.2	EPA Method 25A	2480000	ppb	NA	11.4	1.78	.0155
	CSU-2.11.2	EPA Method 25A	1890000	ppb	NA	7.54	1.28	.0102
	CSU-2.12.1	EPA Method 25A	1760000	ppb	NA	7.14	1.2	.0097
	CSU-2.5.1	EPA Method 25A	2460000	ppb	NA	11.4	1.78	.0155
	CSU-2.12.2	EPA Method 25A	1890000	ppb	NA	7.65	1.28	.0104
	CSU-2.1.1	EPA Method 25A	1790000	ppb	NA	7.42	1.21	.0101

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-2.4.2	EPA Method 25A	2160000	ppb	NA	7.04	1.46	.00957
	CSU-2.7.1	EPA Method 25A	1820000	ppb	NA	5.2	1.17	.0101
	CSU-2.4.1	EPA Method 25A	2170000	ppb	NA	7.05	1.46	.00958
	CSU-2.14.1	EPA Method 25A	1770000	ppb	NA	7.23	1.2	.00982
	CSU-2.3.2	EPA Method 25A	2460000	ppb	NA	6.19	1.66	.012
	CSU-2.14.2	EPA Method 25A	1820000	ppb	NA	7.47	1.24	.0101
	CSU-2.15.1	EPA Method 25A	1850000	ppb	NA	7.99	1.26	.0109
	CSU-2.3.1	EPA Method 25A	2420000	ppb	NA	6.1	1.64	.0118
	CSU-2.15.2	EPA Method 25A	1960000	ppb	NA	8.42	1.33	.0114
	CSU-2.2.2	EPA Method 25A	2170000	ppb	NA	6.62	1.47	.0128
	CSU-2.16.1	EPA Method 25A	1860000	ppb	NA	7.85	1.26	.0107
	CSU-2.16.2	EPA Method 25A	1910000	ppb	NA	8.06	1.29	.011
	CSU-2.2.1	EPA Method 25A	2130000	ppb	NA	6.49	1.44	.0126
	CSU-2.13.1	EPA Method 25A	1900000	ppb	NA	9.01	1.37	.0122
	CSU-1.5.1	EPA Method 25A	1030000	ppb	NA	4.93	1.33	.0112
	CSU-1.14.1	EPA Method 25A	978000	ppb	NA	4.48	1.17	.0102
	CSU-1.14.2	EPA Method 25A	995000	ppb	NA	4.49	1.17	.0102
	CSU-1.15.1	EPA Method 25A	1040000	ppb	NA	5.08	1.26	.0115
	CSU-1.15.2	EPA Method 25A	1060000	ppb	NA	5.22	1.29	.0119
	CSU-1.1.1	EPA Method 25A	950000	ppb	NA	4.26	1.13	.00968
	CSU-1.16.1	EPA Method 25A	1010000	ppb	NA	4.89	1.21	.0111
	CSU-1.3.1	EPA Method 25A	1860000	ppb	NA	6.86	2.91	.0226
	CSU-1.2/7.2	EPA Method 25A	1820000	ppb	NA	8.31	2.69	.0278
	CSU-1.3.2	EPA Method 25A	1920000	ppb	NA	8.5	3.13	.028
	CSU-1.2/7.1	EPA Method 25A	1790000	ppb	NA	6.99	2.64	.0234
	CSU-1.4.1	EPA Method 25A	1460000	ppb	NA	5.39	1.77	.0129
	CSU-2.1.2	EPA Method 25A	1870000	ppb	NA	7.77	1.26	.0106
	CSU-1.16.2	EPA Method 25A	1060000	ppb	NA	5.21	1.29	.0118
	CSU-1.13.2	EPA Method 25A	936000	ppb	NA	4.39	1.1	.00998
	CSU-1.5.2	EPA Method 25A	1060000	ppb	NA	5.5	1.4	.0125
	CSU-2.9.1	EPA Method 25A	1820000	ppb	NA	7.49	1.22	.0102
	CSU-1.6.1	EPA Method 25A	942000	ppb	NA	3.82	1.08	.00868

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
	CSU-1.6.2	EPA Method 25A	953000	ppb	NA	4.16	1.06	.00945
	CSU-2.8.2	EPA Method 25A	2600000	ppb	NA	9.15	1.88	.0124
	CSU-1.8.1	EPA Method 25A	1310000	ppb	NA	6.21	1.85	.0149
	CSU-1.8.2	EPA Method 25A	1300000	ppb	NA	5.94	1.77	.0142
	CSU-2.8.1	EPA Method 25A	2510000	ppb	NA	8.84	1.81	.012
	CSU-1.9.1	EPA Method 25A	964000	ppb	NA	4.48	1.13	.0102
	CSU-2.7.2	EPA Method 25A	1840000	ppb	NA	5.21	1.17	.0101
	CSU-1.9.2	EPA Method 25A	1000000	ppb	NA	4.73	1.2	.0108
	CSU-1.4.2	EPA Method 25A	1480000	ppb	NA	6.16	1.82	.0147
	29.11x	FTIR	1300000	ppb	NA	28.4	1.76	.0186
	31.3x	FTIR	1240000	ppb	11025	25.7	1.48	.0131
	29.2x	FTIR	970000	ppb	NA	10.5	1.18	.0115
	29.12x	FTIR	958000	ppb	NA	16.7	1.17	.00928
	29.13x	FTIR	1230000	ppb	NA	21	1.6	.0134
	29.14x	FTIR	1090000	ppb	NA	17	1.43	.011
	29.15x	FTIR	895000	ppb	NA	14.1	1.04	.00776
	29.16x	FTIR	973000	ppb	NA	15.8	1.19	.00924
	29.5x	FTIR	1330000	ppb	NA	15.3	1.68	.0182
	29.18x	FTIR	1740000	ppb	NA	51.6	2.02	.0155
	29.19x	FTIR	1760000	ppb	NA	51.6	2.18	.0168
	29.20x	FTIR	1780000	ppb	NA	60	2.25	.0188
	29.21x	FTIR	1750000	ppb	NA	56.7	2.21	.0176
	29.28x	FTIR	1050000	ppb	NA	1.87	.377	.00237
	29.10x	FTIR	957000	ppb	NA	18.5	1.15	.0101
	29.42x	FTIR	949000	ppb	NA	9.19	.583	.00511
	134	EPA 25A	322000	ppb	NA	1.36	.216	.00164
	29.6x	FTIR	2620000	ppb	NA	33.2	3.31	.0305
	29.7x	FTIR	1340000	ppb	NA	16.2	1.56	.0131
	132	NR	750000	ppb	NA	15	.962	.00717
	29.8x	FTIR	1310000	ppb	NA	15.5	1.5	.0126
	129.4	NR	2340000	ppb	NA	.203	.913	.00135
	129.3	NR	731000	ppb	NA	.0816	.279	.000544

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
103.4.1		NR	578000	ppb	NA	.101	.257	NR
31.1x		FTIR	761000	ppb	10604	11.5	1.02	.0117
103.20.2		NR	3660000	ppb	NA	.882	2.37	NR
130.2		NR	1400000	ppb	NA	69.6	2.02	.0166
31.2x		FTIR	241000	ppb	10989	3.17	.187	.0032
130.1		NR	1220000	ppb	NA	63.5	1.65	.0153
29.9x		FTIR	971000	ppb	NA	19.3	1.2	.0105
29.46x		FTIR	2330000	ppb	NA	28.6	1.8	.0155
29.36x		FTIR	2270000	ppb	NA	48.5	1.69	.0136
29.37x		FTIR	2270000	ppb	NA	47.6	1.47	.0116
29.38x		FTIR	1880000	ppb	NA	39.3	1.2	.00945
29.33x		FTIR	1670000	ppb	NA	36.2	1.09	.00879
29.34x		FTIR	1680000	ppb	NA	36.2	1.08	.00853
29.35x		FTIR	1800000	ppb	NA	33.8	1.21	.00925
29.23x		FTIR	1560000	ppb	NA	26.6	2.08	.0159
29.27ax		FTIR	1360000	ppb	NA	22.3	1.85	.0139
29.22x		FTIR	1220000	ppb	NA	21	1.66	.012
29.26x		FTIR	1360000	ppb	NA	22.6	1.81	.0127
29.24x		FTIR	1430000	ppb	NA	23.5	1.88	.0137
29.25x		FTIR	1950000	ppb	NA	29.3	2.67	.0206
29.29x		FTIR	1390000	ppb	NA	1.64	.5	.00352
29.45x		FTIR	3290000	ppb	NA	38.5	2.55	.0235
129.1		NR	700000	ppb	NA	.0451	.259	.000301
29.47x		FTIR	3570000	ppb	NA	44.2	2.81	.026
29.48x		FTIR	4140000	ppb	NA	53.9	3.29	.0321
29.49x		FTIR	2900000	ppb	NA	37.1	2.25	.0211
29.50x		FTIR	2680000	ppb	NA	33.7	2.04	.0191
29.51x		FTIR	1930000	ppb	NA	22	1.45	.0126
29.52x		FTIR	3300000	ppb	NA	37.5	2.54	.0234
29.39x		FTIR	947000	ppb	NA	8.62	.556	.0049
29.40x		FTIR	938000	ppb	NA	9.14	.562	.00502
29.41x		FTIR	900000	ppb	NA	8.41	.528	.00462

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
29.30ax		FTIR	607000	ppb	NA	1.13	.215	.00133
29.32x		FTIR	846000	ppb	NA	.977	.299	.00214
29.31x		FTIR	640000	ppb	NA	1.14	.226	.00138
29.43x		FTIR	1000000	ppb	NA	9.69	.615	.00538
29.44x		FTIR	1940000	ppb	NA	24	1.48	.0135
103.6.2		NR	395000	ppb	NA	.187	.434	NR
103.12.1		NR	458000	ppb	NA	.181	.247	NR
103.13.1		NR	1180000	ppb	NA	.2	.506	NR
103.14.1		NR	2960000	ppb	NA	.378	1.15	NR
31.4x		FTIR	1390000	ppb	10846	29.2	1.86	.0176
103.16.1		NR	1110000	ppb	NA	1.07	.405	NR
129.2		NR	198000	ppb	NA	.0128	.0729	.0000853
103.18.1		NR	1020000	ppb	NA	.172	.415	NR
103.19.1		NR	977000	ppb	NA	.103	.367	NR
103.20.1		NR	1560000	ppb	NA	.234	.596	NR
103.1.2		NR	1570000	ppb	NA	.231	.826	NR
103.2.2		NR	513000	ppb	NA	.233	.275	NR
103.3.2		NR	1500000	ppb	NA	.252	.841	NR
103.11.1		NR	328000	ppb	NA	.0961	.138	NR
103.5.2		NR	1140000	ppb	NA	.644	.576	NR
103.15.1		NR	3480000	ppb	NA	.481	1.32	NR
103.7.2		NR	1920000	ppb	NA	1.08	1.01	NR
103.8.2		NR	9400000	ppb	NA	6.66	7.94	NR
103.9.2		NR	1480000	ppb	NA	.584	.795	NR
103.10.2		NR	1780000	ppb	NA	.674	.969	NR
103.11.2		NR	787000	ppb	NA	.3	.428	NR
103.12.2		NR	1280000	ppb	NA	.59	.822	NR
103.13.2		NR	1500000	ppb	NA	.321	.817	NR
103.14.2		NR	5080000	ppb	NA	1.01	3.27	NR
103.15.2		NR	2630000	ppb	NA	.475	1.35	NR
103.16.2		NR	1120000	ppb	NA	1.09	.583	NR
103.17.2		NR	9130000	ppb	NA	2.61	7.38	NR

Pollutant	Fuel ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
103.18.2		NR	2940000	ppb	NA	.708	1.83	NR
103.19.2		NR	1030000	ppb	NA	.126	.459	NR
103.4.2		NR	1340000	ppb	NA	.29	.775	NR
31.11x		FTIR	3990000	ppb	26940	33.8	4.39	.0408
31.5x		FTIR	3370000	ppb	10810	36.2	4.28	.0406
31.6x		FTIR	923000	ppb	11148	8.93	.862	.00781
31.7x		FTIR	902000	ppb	11025	8.73	.842	.00763
31.8x		FTIR	938000	ppb	10846	9.03	.898	.00789
31.9x		FTIR	1110000	ppb	11001	7.82	.975	.00936
142.2		EPA 25A	1460000	ppb	NA	2.42	.538	NR
31.10x		FTIR	1280000	ppb	11025	8.56	1.13	.00996
103.17.1		NR	1210000	ppb	NA	.148	.469	NR
141		NR	203000	ppb	NA	1.19	.106	.00114
103.10.1		NR	581000	ppb	NA	.162	.226	NR
31.12x		FTIR	1230000	ppb	27263	10.1	1.32	.0126
31.13x		FTIR	1220000	ppb	10940	9.24	1.17	.0132
31.14x		FTIR	1200000	ppb	10905	9.43	1.15	.0133
31.15x		FTIR	1440000	ppb	27086	11.5	1.48	.0159
103.7.1		NR	309000	ppb	NA	.123	.115	NR
142.1		EPA 25A	1090000	ppb	NA	2.38	.399	NR
103.8.1		NR	628000	ppb	NA	.262	.368	NR
31.16x		FTIR	1290000	ppb	27056	10.2	1.35	.0144
103.6.1		NR	687000	ppb	NA	.243	.585	NR
103.5.1		NR	1020000	ppb	NA	.531	.451	NR
29.17x		FTIR	1710000	ppb	NA	55.8	2.02	.0166
103.2.1		NR	260000	ppb	NA	.0915	.109	NR
103.1.1		NR	1320000	ppb	NA	.138	.494	NR
31.19x		FTIR	1370000	ppb	27233	19.6	1.23	.0102
31.18x		FTIR	1380000	ppb	27263	19.3	1.24	.00991
31.17x		FTIR	2750000	ppb	10115	38.9	2.2	.0192
103.3.1		NR	1270000	ppb	NA	.177	.566	NR
103.9.1		NR	567000	ppb	NA	.154	.207	NR

Fuel Pollutant	ID	Method	Concentration (uncorrected)	Unit	Detection Limit	lb/hr	lb/MMBtu	lb/HP-hr
					Maximum:	**69.6**	**7.94**	**.0408**
					Average:	**12**	**1.35**	**.0123**
Process Gas								
CO								
119.1		CARB 1-100	589000	ppb	NA	2.72	NR	.00405
146		CARB 1-100	265000	ppb	NA	1.25	NR	.00194
119.2		CARB 1-100	780000	ppb	NA	.43	NR	.00369
					Maximum:	**2.72**	**NR**	**.00405**
					Average:	**1.47**	**NR**	**.00323**
NMHC								
119.1		EPA 18	18700	ppb	NA	.0494	NR	.0000736
119.2		EPA 18	89300	ppb	NA	.0281	NR	.000241
					Maximum:	**.0494**	**NR**	**.000241**
					Average:	**.0388**	**NR**	**.000157**
NOx								
119.2		CARB 1-100	12200	ppb	NA	.0111	NR	.0000948
119.1		CARB 1-100	315000	ppb	NA	2.38	NR	.00356
146		CARB 1-100	84100	ppb	NA	.651	NR	.00101
					Maximum:	**2.38**	**NR**	**.00356**
					Average:	**1.01**	**NR**	**.00155**
SO2								
119.2		CARB 1-100	163000	ppb	NA	.205	NR	.00176
146		CARB 1-100	18300	ppb	NA	.197	NR	.000306
119.1		CARB 1-100	6250	ppb	NA	.066	NR	.0000984
					Maximum:	**.205**	**NR**	**.00176**
					Average:	**.156**	**NR**	**.000721**

Attachment 4
Detailed Derivation of Equation 2

Emission Factor in (lb/MMBtu) for gaseous HAP is given in 40 CFR part 60, appendix A, Method 19, Eqn. 19.1 as:

$$EF_F \left(\frac{lb}{MMBtu}\right) = C_d \left(\frac{lb}{dscf}\right) \times F_d \left(\frac{dscf}{MMBtu}\right) \times \frac{20.9}{20.9 - \%O_2}$$

for gaseous pollutants:

(Eqn. 1)

$$C_d \left(\frac{lb}{dscf}\right) = C \left(\frac{lb\text{-}mol_{HAP}}{lb\text{-}mol_{air}}\right) \times MW \left(\frac{lb_{HAP}}{lb\text{-}mol_{HAP}}\right) \times \frac{1}{V_{molar}} \left(\frac{lb\text{-}mol_{HAP}}{dscf}\right)$$

where:
- C is the measured concentration
- MW is the Molecular Weight
- V_{molar} is the molar volume
- F_d is the fuel factor as provided in the test report (F_d and V_{molar} have to be at the same standard temperature)
- O_2 is the exhaust stack oxygen level

The concentration can be expressed as:

$$C \left(\frac{lb\text{-}mol_{HAP}}{lb\text{-}mol_{air}}\right) = C \left(\frac{ppb}{10^9}\right)$$

and assuming ideal gas:

$$PV = nRT$$

(Eqn. 2)

$$V_{molar} = \left(\frac{V}{n}\right) = \left(\frac{RT}{P}\right) = 0.73 \left(\frac{dscf\ atm}{lb\text{-}mol\ ^\circ R}\right) \times \frac{T\ (^\circ R)}{P\ (atm)}$$

Also, $T\ (^{\circ}R) = T\ (^{\circ}F) + 460$

@ 68 °F and 1 atm, V_{molar} from Eqn. 2 becomes:

$$V_{molar} = 0.73 \times (68 + 460) / 1 = 385.5 \text{ dscf/lb-mol}$$

and Eqn. 1 becomes:

$$C_d \left(\frac{lb}{dscf}\right) = C\ (ppb) \times 10^{-6} \times MW \left(\frac{lb_{HAP}}{lb\text{-}mol_{HAP}}\right) \times \frac{1}{385.5} \left(\frac{lb\text{-}mol_{HAP}}{dscf}\right)$$

Eqn 19.1 becomes:

$$EF_F \left(\frac{lb}{MMBtu}\right) = \frac{C\ (ppb) \times 10^{-6} \times F_d \left(\frac{dscf}{MMBtu}\right) \times MW \left(\frac{lb}{lb\text{-}mol}\right)}{385.5 \left(\frac{dscf}{lb\text{-}mol}\right)} \times \frac{20.9}{20.9 - \%O_2}$$

However, not all testing companies use standard conditions of T = 68°F (some use 60°F) and presents the fuel factor based on a different standard temperature; therefore, for these reports, the molar volume has to be adjusted to compensate for this variation. Here is where the temperature correction comes in place.

Assuming that the fuel factor is provided at a temperature of T_{ref}, then Equation 2 becomes:

(Eqn.3)

$$V_{molar} = 385.8 \times (T_{ref} / T_{std@68\ ^{\circ}F})$$

$$V_{molar} = 385.5 \times (T_{ref\ in\ ^{\circ}F} + 460) / (460 + 68)$$

$$V_{molar} = 385.5 \times (T_{ref\ in\ ^{\circ}F} + 460) / 528 \text{ , therefore}$$

Substituting Eqn. 3 in Eqn. 1

$$C_d \left(\frac{lb}{dscf}\right) = C\ (ppb) \times 10^{-9} \times MW \left(\frac{lb_{HAP}}{lb\text{-}mol_{HAP}}\right) \times \frac{1}{\frac{385.5}{528}(T_{ref} + 460)} \left(\frac{lb\text{-}mol_{HAP}}{dscf}\right)$$

which can be re-written as:

$$C_d \left(\frac{lb}{dscf}\right) = C\ (ppb) \times 10^{-9} \times MW \left(\frac{lb_{HAP}}{lb\text{-}mol_{HAP}}\right) \times \frac{528}{385.5\ (T_{ref} + 460)} \left(\frac{lb\text{-}mol_{HAP}}{dscf}\right)$$

Note that 528 / (T_{ref} °$_F$ + 460) is the temperature correction factor to 68°F, therefore, Eqn. 1 becomes:

$$C_d \left(\frac{lb}{dscf}\right) = C\ (ppb) \times 10^{-9} \times MW \left(\frac{lb_{HAP}}{lb\text{-}mol_{HAP}}\right) \times \frac{1}{385.5} \left(\frac{lb\text{-}mol_{HAP}}{dscf}\right) \times (Temperature\ \ Correction)$$

Substituting in Eqn 19-1 of 40 CFR 60, App. A, Method 19, the emission factor equation in lb/MMBtu becomes:

$$E_F \left(\frac{lb}{MMBtu}\right) = \frac{C\ (ppb) \times 10^{-9} \times F_d \left(\frac{dscf}{MMBtu}\right) \times MW \left(\frac{lb}{lb\text{-}mol}\right)}{385.5 \left(\frac{dscf}{lb\text{-}mol}\right)} \times temperature\ \ correction \times oxygen\ \ correction$$

Note, the oxygen correction factor is equal to 20.9 / (20.9 - %O_2) and the temperature correction is equal to 528 / (T_{ref} + 460). Substituting in these values, the emission factor equation in lb/MMBtu becomes:

$$E_F \left(\frac{lb}{MMBtu}\right) = \frac{1.369 \times 10^{-3} \left(\frac{lb\text{-}mol}{ft^3}\right) \times F_d \left(\frac{dscf}{MMBtu}\right) \times C\ (ppb) \times MW \left(\frac{lb}{lb\text{-}mol}\right) \times \frac{20.9}{20.9 - \%O_2}}{(T_{ref} + 460)\ ^\circ R}$$

This is the equation presented in the Background Document of Section 3.1 of the AP-42.

Attachment 5
Definitions of Database Fields

The Facilities table contains the following fields:

Report	-	The Report Identification Number. This is an indexed field. Each report may contain one or more tests depending on the number of units tested, test rating, controlled versus non controlled emissions and so on. Tests are indicated by the ID field.
ID	-	The Test Identification Number. The ID corresponds to the test reference number within a report.
Facility Name	-	The name of the facility.
Location	-	The location of the test site.
Testing Company	-	The name of the company that conducted the test.
Date	-	The date the test was performed.
Manufacturer	-	The name of the engine manufacturer.
Model	-	The engine model designation.
Engine Family	-	Describes the type of engine and the air/fuel ratio.
Charging Type	-	The type of charging the engine utilizes.
Cylinders	-	The number of combustion cylinders.
Rating	-	The rating of the engine
Unit	-	The rating units.
Test Rating	-	The rate at which the test was conducted.
TRUnit	-	The test rating units.
Load	-	The load at which the engine is operated during the test.
Fuel Type	-	The fuel used for charging.
Control Device	-	The type of device used to control emissions.
Application	-	What is the engine used for.
Comments	-	Any comments, supplemental information and underlying assumptions.
Data Quality	-	Observations about the validity of the data.
Data Entered By	-	Person that entered the data.

The two tables are related through the Report and ID fields.

The Test Data table consists of the following fields:

Report	-	The Report Identification Number.
ID	-	Test Identification Number.
Pollutant	-	The name of the pollutant.
Method	-	The method used for sampling and quantification of pollutant.
Run 1 Conc R	-	The reported concentration for Run 1.
Run 2 Conc R	-	The reported concentration for Run 2.

Run 3 Conc R	-	The reported concentration for Run 3.
DL	-	The detection limit reported for the pollutant.
SD	-	The number of significant digits.
Avg Conc R	-	The average of the reported concentration for all runs.
Cunit	-	The units used for reported concentration.
Run 1 O_2	-	The percent oxygen in the exhaust measured in Run 1.
Run 2 O_2	-	The percent oxygen in the exhaust measured in Run 2.
Run 3 O_2	-	The percent oxygen in the exhaust measured in Run 3.
Run 1 Rate	-	The reported pollutant emission rate for Run 1.
Run 2 Rate	-	The pollutant emission rate reported for Run 2.
Run 3 Rate	-	The pollutant emission rate reported for Run 3.
Avg Rate	-	The average pollutant emission rate for all runs.
R Unit	-	The units for the pollutant emission rate.
Run 1 Factor	-	The pollutant emission factor reported for Run 1.
Run 2 Factor	-	The pollutant emission factor reported for Run 2.
Run 3 Factor	-	The pollutant emission factor reported for Run 3.
Fac Unit	-	The units for the pollutant emission factor.
Fuel Factor	-	The F-factor for the fuel used for firing (dscf/MMBtu).
Run 1 Gas Flow rate	-	The exhaust gas flow rate for Run 1.
Run 2 Gas Flow rate	-	The exhaust gas flow rate for Run 2.
Run 3 Gas Flow rate	-	The exhaust gas flow rate for Run 3.
Gas Flow rate Units	-	The units for the exhaust gas Flow rate.
Fuel Heating Value	-	The heating value of the fuel.
Fuel HV Units	-	The units for the fuel heating value.
Standard Temp.	-	The standard temperature used for the emission calculations.
Standard Temp. Units	-	The units for the standard temperature.
Stack Temp.	-	The reported stack temperature.
Stack Temp. Units	-	The reported stack temperature units.
Run 1 Fuel Flow rate	-	The fuel firing rate in Run 1.
Run 2 Fuel Flow rate	-	The fuel firing rate in Run 2.
Run 3 Fuel Flow rate	-	The fuel firing rate in Run 3.
Fuel Flow rate Units	-	The units for the fuel firing rate.
Run 1 % Moisture	-	The amount of moisture detected in the exhaust for Run 1.
Run 2 % Moisture	-	The amount of moisture detected in the exhaust for Run 2.
Run 3 % Moisture	-	The amount of moisture detected in the exhaust for Run 3.
MW	-	The pollutant molecular weight.
Comments	-	Any comments, supplemental information and underlying assumptions.