2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

April 24, 2007

Mr. Anand Helekar
TRC
21 Technology Drive
Irvine, CA 92618

RE: P2700814
WDI

Dear Mr. Helekar:

Enclosed are the results of the sample(s) submitted to our laboratory on March 23, 2007. For your reference, these analyses have been assigned our service request number P2700814.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 299 pages.

Columbia Analytical Services is certified by the California Department of Health Services, Certificate No. 2380; Arizona Department of Health Services, Certificate No. AZ0694; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661. Please contact me for specific method(s) and analyte(s) corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

Kate Aguilera

Kate Aguilera
Project Manager

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

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Columbia Analytical Services INC.
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LABORATORY REPORT

Client:	TRC	Date of Report:	04/24/07
Address:	21 Technology Drive	Date Received:	03/23/07
	Irvine, CA 92618	CAS Project No:	P2700814
Contact:	Mr. Anand Helekar	Purchase Order:	IRV-804336

Client Project ID: WDI

Twenty-nine (29) Stainless Steel Summa Canisters labeled:

"WDI-VW-46-S-3-20-07"	"WDI-VW-46-I-3-20-07"	"WDI-VW-46-D-3-20-07"
"WDI-VW-61-S-3-20-07"	"WDI-VW-61-I-3-20-07"	"WDI-VW-61-D-3-20-07"
"WDI-VW-29-S-3-20-07"	"WDI-VW-29-I-3-20-07"	"WDI-VW-29-D-3-20-07"
"WDI-VW-49-S-3-15-07"	"WDI-VW-49-I-3-15-07"	"WDI-VW-49-D-3-15-07"
"WDI-VW-31-S-3-20-07"	"WDI-VW-31-D-3-20-07"	"WDI-VW-42-S-3-20-07"
"WDI-VW-42-D-3-20-07"	"WDI-VW-42-D-3-20-07-SC"	"WDI-VW-41-S-3-22-07"
"WDI-VW-41-D-3-22-07"	"WDI-VW-51-S-3-22-07"	"WDI-VW-51-I-3-22-07"
"WDI-VW-51-D-3-22-07"	"WDI-VW-25-D-3-22-07"	"WDI-VW-30-S-3-22-07"
"WDI-VW-30-I-3-22-07"	"WDI-VW-30-D-3-22-07"	"WDI-VW-30-I-3-22-07"
"WDI-VW-TRIP-BLANK"	"WDI-VW-FIELD-BLANK"	

The samples were received at the laboratory under chain of custody on March 23, 2007. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory.

The sample labeled "WDI-VW-30-S-3-22-07" was consumed before the analyses of modified EPA 25C and modified EPA 3C could be performed.

Reviewed and Approved:

Liliana Marghitoiu
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:

Wade Henton
GC-VOA Team Leader
Air Quality Laboratory

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CAS Project No: P2700814

Methane and Total Gaseous Non-Methane Organics as Methane Analysis

The samples were analyzed for methane and total gaseous non-methane organics as methane according to modified EPA Method 25C. The analyses included a single sample injection (method modification) analyzed by gas chromatography using flame ionization detection/total combustion analysis.

The percent difference for total gaseous non-methane organics was outside the continuing calibration verification (CCV) client specified requirements on April 2 and 4, 2007. The method reporting limit (MRL) was not affected because the CCV response was biased high and the analyte was not detected in the samples.

Fixed Gases Analysis

The samples were also analyzed for fixed gases (hydrogen, oxygen/argon, nitrogen, carbon monoxide and carbon dioxide) according to modified EPA Method 3C (single injection) using a gas chromatograph equipped with a thermal conductivity detector (TCD).

Volatile Organic Compound Analysis

The samples were also analyzed by combined gas chromatography/mass spectrometry (GC/MS) for volatile organic compounds. The analyses were performed according to the methodology outlined in EPA Method TO-15. However, the method was modified to include pressurization with Helium. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical system used was comprised of an Agilent Model 5973inert GC/MS/DS interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The percent difference CCV report includes both positive and negative percent difference calculations, where positive percent differences correspond to biased low results and negative percent differences to biased high results.

The results of analyses are given in the attached data package. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-46-S-3-20-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-001

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00537

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.1 Pf 1 = 3.5
D.F. = 1.44

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	4.7	1.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [illegible] Date: 4/19/07

00814SVG.RD1 -Sample

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-46-I-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-002

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00097

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -3.1 Pf 1 = 3.5
D.F. = 1.57

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.79	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**3.6**	1.6	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rcs Date: 4/19/07

00814SVG.RD1 -Sample (2)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-46-D-3-20-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-003

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00642

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.8 Pf 1 = 3.5
D.F. = 1.53

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.77	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	4.4	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 4/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-61-S-3-20-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-004

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00329

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.5 Pf 1 = 3.5
D.F. = 1.49

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	**2.9**	0.75	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**3.6**	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-61-I-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-005

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00887

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.1 Pf 1 = 3.5
D.F. = 1.44

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	**2.9**	0.72	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**4.8**	1.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rcr Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-61-D-3-20-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-006

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00854

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.7 Pf 1 = 3.5
D.F. = 1.52

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	**2.2**	0.76	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**6.1**	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-29-S-3-20-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-007

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00796

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.4 Pf 1 = 3.5
D.F. = 1.48

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	**1.5**	0.74	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the client specified limits for this compound.

Verified By: RL Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-29-I-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-008

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00787

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.8 Pf 1 = 3.5
D.F. = 1.53

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.77	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**3.8**	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-29-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-009

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00616

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.4 Pf 1 = 3.5
D.F. = 1.48

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.74	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**4.7**	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-49-S-3-15-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-010

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00136

Date Collected: 3/15/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.9 Pf 1 = 3.5
D.F. = 1.54

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	**3.6**	0.77	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**8.3**	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-49-I-3-15-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-011

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00053

Date Collected: 3/15/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -3.6 Pf 1 = 3.5
D.F. = 1.64

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	**3.8**	0.82	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**10**	1.6	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-49-D-3-15-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-012

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00663

Date Collected: 3/15/07
Date Received: 3/23/07
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -3.3 Pf 1 = 3.5
D.F. = 1.60

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.80	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	11	1.6	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-31-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-013

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00682

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.4 Pf 1 = 3.5
D.F. = 1.48

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	**2.8**	0.74	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the client specified limits for this compound.

Verified By: RC Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-31-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-014

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00868

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.1 Pf 1 = 3.5
D.F. = 1.44

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	**0.79**	0.72	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**3.4**	1.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-42-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-015

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00809

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.1 Pf 1 = 3.5
D.F. = 1.44

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.72	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**3.4**	1.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-42-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-016

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00561

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.4 Pf 1 = 3.5
D.F. = 1.48

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.74	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	4.3	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-42-D-3-20-07-SC**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-017

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00853

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.4 Pf 1 = 3.5
D.F. = 1.48

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.74	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**5.6**	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-41-S-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-018

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00060

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.6 Pf 1 = 3.5
D.F. = 1.50

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.75	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**1.6**	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-41-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-019

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00758

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.3 Pf 1 = 3.5
D.F. = 1.47

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.74	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**1.5**	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-51-S-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-020

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00819

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.7 Pf 1 = 3.5
D.F. = 1.52

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**4.1**	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-51-I-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-021

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00548

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/4/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -3.4 Pf 1 = 3.5
D.F. = 1.61

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	31	0.81	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.6	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the client specified limits for this compound.

Verified By: RG Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-51-I-3-22-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-021DUP

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00548

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/4/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -3.4 Pf 1 = 3.5
D.F. = 1.61

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	31	0.81	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.6	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the client specified limits for this compound.

Verified By: Re Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-51-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-022

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00153

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -3.4 Pf 1 = 3.5
D.F. = 1.61

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**320**	1.6	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-25-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-023

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00372

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -3.6 Pf 1 = 3.5
D.F. = 1.64

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**11**	1.6	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-25-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-023DUP

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00372

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -3.6 Pf 1 = 3.5
D.F. = 1.64

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**11**	1.6	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.. Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-30-I-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-025

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00680

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.8 Pf 1 = 3.5
D.F. = 1.53

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.77	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	**2.3**	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-30-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-026

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00801

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/4/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.2 Pf 1 = 3.5
D.F. = 1.46

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	**2.7**	0.73	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the client specified limits for this compound.

Verified By: R. Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-30-I-3-22-07-SC
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-027

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00083

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/4/07
Volume(s) Analyzed: 0.50 ml

Pi 1 = -2.4 Pf 1 = 3.5
D.F. = 1.48

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	**2.8**	0.74	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.5	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the client specified limits for this compound.

Verified By: Rc Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-TRIP-BLANK
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-028

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00664

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/4/07
Volume(s) Analyzed: 0.50 ml

D.F. = 1.00

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.50	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.0	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the client specified limits for this compound.

Verified By: Rw Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-FIELD-BLANK**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-029

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01072

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/4/07
Volume(s) Analyzed: 0.50 ml

D.F. = 1.00

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.50	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.0	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the client specified limits for this compound.

Verified By: RG Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070402-MB

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.50 ml

D.F. = 1.00

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.50	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.0	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the client specified limits for this compound.

Verified By: R.. Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070404-MB

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/4/07
Volume(s) Analyzed: 0.50 ml

D.F. = 1.00

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.50	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.0	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the client specified limits for this compound.

Verified By: RC Date: 4/19/07

00814SVG.RE4 -MBlank

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070412-MB

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/12/07
Volume(s) Analyzed: 0.50 ml

D.F. = 1.00

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.50	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.0	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070413-MB

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/13/07
Volume(s) Analyzed: 0.50 ml

D.F. = 1.00

CAS #	Compound	Result ppmV	MRL ppmV	Data Qualifier
74-82-8	Methane	ND	0.50	
	Total Gaseous Nonmethane Organics (TGNMO) as Methane	ND	1.0	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Lab Control Sample
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P070402-LCS

Laboratory Control Sample Summary

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/02/07
Volume(s) Analyzed: NA

Compound	Spike Amount LCS ppmV	Result LCS ppmV	% Recovery LCS	Acceptance Limits	Data Qualifier
Methane	57.5	60.5	105	90-110	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	345	363	105	90-110	

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Lab Control Sample**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070404-LCS

Laboratory Control Sample Summary

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/04/07
Volume(s) Analyzed: NA

Compound	Spike Amount LCS ppmV	Result LCS ppmV	**% Recovery LCS**	Acceptance Limits	Data Qualifier
Methane	57.5	63.3	110	90-110	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	345	371	108	90-110	

Verified By: Rw Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Lab Control Sample
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P070412-LCS

Laboratory Control Sample Summary

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Wade Henton
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/12/07
Volume(s) Analyzed: NA

Compound	Spike Amount LCS ppmV	Result LCS ppmV	% Recovery LCS	Acceptance Limits	Data Qualifier
Methane	57.5	59.8	104	90-110	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	345	352	102	90-110	

Verified By: RL Date: 4/19/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Lab Control Sample**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070413-LCS

Laboratory Control Sample Summary

Test Code: EPA Method 25C Modified
Instrument ID: HP5890II/GC1/FID/TCA
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/13/07
Volume(s) Analyzed: NA

Compound	Spike Amount LCS ppmV	Result LCS ppmV	**% Recovery LCS**	Acceptance Limits	Data Qualifier
Methane	57.5	57.1	99	90-110	
Total Gaseous Nonmethane Organics (TGNMO) as Methane	345	339	98	90-110	

Verified By: RC Date: 4/19/07

Response Factor Report GC 01

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Oct 23 16:38:21 2006
Response via : Initial Calibration

Calibration Files
1 =10200606.D 2 =10200607.D 3 =10200608.D
4 =10200609.D 5 =10200610.D 6 =10200611.D

	Compound	1	2	3	4	5	6	Avg		%RSD
1)	Carbon Monoxide	5.184	5.715	5.812	6.058	6.017	6.064	5.808	E3	5
2)	Methane	6.638	6.124	6.356	6.256	6.204	6.190	6.295	E3	2
3)	Carbon Dioxide	5.461	7.056	6.139	6.279	6.073	6.194	6.200	E3	8
4)	TGNMO-1	6.773	6.683	5.923	6.159	6.535	6.429	6.417	E3	5
5)	TGMNO-2	6.773	6.683	5.923	6.159	6.535	6.429	6.417	E3	5

10/23/06

#) = Out of Range

Compound #2: Methane (Page 3)

Lvl ID	Conc	Response	Lvl ID	Conc	Response
1	0.550	3651			
2	4.034	24705			
3	11.006	69950			
4	80.680	504760			
5	2751.710	17070304			
6	20170.000	124856778			

	Integration Parameter File	Sum?	
Tot			0.00
		☐	0.000
		☐	
		☐	

Prev | Next | Plot | Page 1 | Page 2 | OK | Cancel | Help

Compound #4: TGH830-1 (Page 3)

Lvl ID	Conc	Response	Lvl ID	Conc	Response
1	0.819	5547			
2	6.000	40100			
3	16.371	95972			
4	120.000	739089			
5	4072.300	26614390			
6	29850.000	191892442			

	Integration Parameter File	Sum?
Tgt		

Prev | Next | Plot | Page 1 | Page 2 | OK | Cancel | Help

Compound #5: TG8J40-2 (Page 3)

Lvl ID	Conc	Response	Lvl ID	Conc	Response
1	0.819	5547			
2	6.000	40100			
3	16.371	96872			
4	120.000	739089			
5	4072.300	26614390			
6	29850.000	191892442			

	Integration Parameter File	Sum?	
Tgt			0.000
		☐	0.000
		☐	
		☐	

Prev | | Plot | Page 1 | Page 2 | OK | Cancel | Help

PERFORMANCE ANALYTICAL INC.

ZW 4/24/07

EPA 25C TCA/FID Analysis for TGNMO

Client & PAI Job# : TRC P2700814
Analyst : ZW
Sample amount : 500uL / 68uL

Printed : 4/24/07
Instrument : GC #1 / FID #1
Date analyzed : 2 Apr 2007 16:20

Sample Results (ppm)

Sample ID	Carbon Monoxide	Methane	Carbon Dioxide	TGNMO-1	TGNMO-2	Pi1	Pf1	Pi2	Pf2
STD 100ppm S14-122806	98.7	77.9	112.0	108.0					
ACTUAL	100.1	80.1	100.7	101.2					
% DIFF.	1.4%	2.8%	11.2%	6.7%					
MB NL	0.00	0.00	0.65	0.00	0.00				
LAB AIR NL	1.86	3.30	540.10	0.00	0.00				
0814-007 v	0.59	1.03	v	0.93	0.00	-2.4	3.5		
0814-013 v	0.63	1.88	v	0.96	0.00	-2.4	3.5		
STD 100ppm S14-122806	104.03	81.57	v	113.30	0.00				
ACTUAL	100.1	80.1	100.7	101.2					
% DIFF.	3.9%	1.8%	100.0%	12.0%					
LCS 345ppm S14-040506I	63.69	60.52	62.15	362.65					
ACTUAL	57.9	57.5	57.9	345.0					
% Recovery	110.0%	105.2%	107.4%	105.1%					
STD 100ppm S14-122806	97.31	76.10		105.75					
ACTUAL	100.1	80.1	100.7	101.2					
% DIFF.	2.8%	5.0%	100.0%	4.5%					

Completed Sample Results ppm

Loop ratio=7.33

Sample ID	Carbon Monoxide	Methane	Carbon Dioxide	TOTAL TGNMO	TOTAL TGNMO as Hexane	BAG DF	LOOP DF	PiPf DF
RL ppm *	5.0	0.5	5.0	1.0	0.17			
MDL ppm	0.10	0.19	1.80	0.48	0.08			
MB NL	ND	ND	0.65	ND	ND	1.00	1.00	1.00
LAB AIR NL	1.86	3.30	540.10	ND	ND	1.00	1.00	1.00
0814-007 v	ND	1.52	VENT	ND	ND	1.00	1.00	1.48
0814-013 v	ND	2.78	VENT	ND	ND	1.00	1.00	1.48

PERFORMANCE ANALYTICAL INC.

ZW 4/24/07

EPA 25C TCA/FID Analysis for TGNMO

Client & PAI Job# : TRC P2700814
Analyst : ZW
Sample amount : 500uL / 68uL

Printed : 4/24/07
Instrument : GC #1 / FID #1
Date analyzed : 4 Apr 2007 16:43

Sample Results (ppm)

Sample ID	Carbon Monoxide	Methane	Carbon Dioxide	TGNMO-1	TGNMO-2	Pi1	Pf1	Pi2	Pf2
STD 100ppm S14-122806	100.6	79.9	106.0	111.1					
ACTUAL	100.1	80.1	100.7	101.2					
% DIFF.	0.5%	0.2%	5.2%	9.8%					
MB NL	0.00	0.00	1.00	0.00	0.00				
LAB AIR NL	1.19	2.34	539.32	0.00	0.00				
0814-021 v	0.43	19.23	v	0.00	0.00	-3.4	3.5		
0814-026 v	0.61	1.86	v	0.95	0.00	-2.2	3.5		
0814-027 v	0.61	1.88	v	0.90	0.00	-2.4	3.5		
0814-028 v	0.00	0.00	v	0.00	0.00	-14.1	3.5	-4.0	3.5
0814-029 v	0.00	0.00	v	0.00	0.00	-14.1	3.5	-4.2	3.5
STD 100ppm S14-122806	107.11	83.66	v	114.86	0.00				
ACTUAL	100.1	80.1	100.7	101.2					
% DIFF.	7.0%	4.4%	100.0%	13.5%					
STD 100ppm S14-122806	100.98	78.78	107.09	107.84	0.00				
ACTUAL	100.1	80.1	100.7	101.2					
% DIFF.	0.9%	1.6%	6.3%	6.6%					
0814-021 v dup	0.42	19.17	v	0.00	0.00	-3.4	3.5		
LCS 345ppm S14-040506	65.64	63.29	64.69	371.29					
ACTUAL	57.9	57.5	57.9	345.0					
% Recovery	113.3%	110.1%	111.8%	107.6%					
STD 100ppm S14-122806	102.50	80.88	219.75	111.62					
ACTUAL	100.1	80.1	100.7	101.2					
% DIFF.	2.4%	1.0%	118.2%	10.3%					

Completed Sample Results ppm

Loop ratio=7.33

Sample ID	Carbon Monoxide	Methane	Carbon Dioxide	TOTAL TGNMO	TOTAL TGNMO as Hexane	BAG DF	LOOP DF	PiPf DF
RL ppm *	5.0	0.5	5.0	1.0	0.17			
MDL ppm	0.10	0.19	1.80	0.48	0.08			
MB NL	ND	ND	1.00	ND	ND	1.00	1.00	1.00
LAB AIR NL	1.19	2.34	539.32	ND	ND	1.00	1.00	1.00
0814-021 v	ND	30.97	VENT	ND	ND	1.00	1.00	1.61
0814-026 v	ND	2.70	VENT	ND	ND	1.00	1.00	1.46
0814-027 v	ND	2.79	VENT	ND	ND	1.00	1.00	1.48
0814-028 v	ND	ND	VENT	ND	ND	1.00	1.00	1.00
0814-029 v	ND	ND	VENT	ND	ND	1.00	1.00	1.00
0814-021 v dup	ND	30.87	VENT	ND	ND	1.00	1.00	1.61

PERFORMANCE ANALYTICAL INC.

ZW 4/13/07

EPA 25C TCA/FID Analysis for TGNMO

Client & PAI Job# :
Analyst : WHH
Sample amount : 500uL / 68uL

Printed : 4/13/07
Instrument : GC #1 / FID #1
Date analyzed : 4/12/07

Sample Results (ppm)

Sample ID	Carbon Monoxide	Methane	Carbon Dioxide	TGNMO-1	TGNMO-2	Pi1	Pf1	Pi2	Pf2
STD 100ppm S14-122806	93.1	73.8	90.5	103.8					
ACTUAL	100.1	80.1	100.7	101.2					
% DIFF.	7.0%	7.8%	10.1%	2.5%					
MB NL	0.00	0.00	0.33	0.00	0.00				
LAB AIR NL	1.21	1.84	443.73	0.00	0.00				
0814-001 vv	0.00	v	v	3.28	0.00	-2.1	3.5		
0814-002 v	1.09	0.36	v	2.30	0.00	-3.1	3.5		
0814-003 v	1.15	0.00	v	2.85	0.00	-2.8	3.5		
0814-004 v	1.79	1.91	v	2.45	0.00	-2.5	3.5		
0814-005 v	1.38	2.02	v	3.33	0.00	-2.1	3.5		
0814-006 v	0.84	1.42	v	4.02	0.00	-2.7	3.5		
0814-008 v	1.30	0.00	v	2.50	0.00	-2.8	3.5		
0814-009 v	1.37	0.00	v	3.17	0.00	-2.4	3.5		
0814-010 v	1.42	2.30	v	5.35	0.00	-2.9	3.5		
0814-011 v	1.49	2.34	v	6.24	0.00	-3.6	3.5		
0814-012 v	1.39	0.00	v	6.98	0.00	-3.3	3.5		
LCSD 345ppm S14-04050	60.28	58.15	57.44	343.23	0.00				
ACTUAL	57.9	57.5	57.9	345.0					
% Recovery	104.1%	101.1%	99.3%	99.5%					
STD 100ppm S14-122806	93.13	73.69	124.51	103.34	0.00				
ACTUAL	100.1	80.1	100.7	101.2					
% DIFF.	7.0%	8.0%	23.6%	2.1%					
LCS 345ppm S14-040506	61.73	59.79	58.99	352.04					
ACTUAL	57.9	57.5	57.9	345.0					
% Recovery	106.6%	104.0%	102.0%	102.0%					
STD 100ppm S14-121506	93.31	74.58	123.86	104.27					
ACTUAL	100.1	80.1	100.7	101.2					
% DIFF.	6.8%	6.9%	23.0%	3.0%					

Completed Sample Results ppm

Loop ratio=7.33

Sample ID	Carbon Monoxide	Methane	Carbon Dioxide	TOTAL TGNMO	TOTAL TGNMO as Hexane	BAG DF	LOOP DF	PiPf DF
RL ppm *	5.0	0.5	5.0	1.0	0.17			
MDL ppm	0.10	0.19	1.80	0.48	0.08			
MB NL	ND	ND	0.33	ND	ND	1.00	1.00	1.00
LAB AIR NL	1.21	1.84	443.73	ND	ND	1.00	1.00	1.00
0814-001 vv	ND	VENT	VENT	4.74	0.79	1.00	1.00	1.44
0814-002 v	ND	ND	VENT	3.60	0.60	1.00	1.00	1.57
0814-003 v	ND	ND	VENT	4.35	0.73	1.00	1.00	1.53
0814-004 v	ND	2.85	VENT	3.65	0.61	1.00	1.00	1.49
0814-005 v	ND	2.91	VENT	4.80	0.80	1.00	1.00	1.44
0814-006 v	ND	2.15	VENT	6.09	1.01	1.00	1.00	1.52
0814-008 v	ND	ND	VENT	3.83	0.64	1.00	1.00	1.53
0814-009 v	ND	ND	VENT	4.69	0.78	1.00	1.00	1.48
0814-010 v	ND	3.55	VENT	8.25	1.38	1.00	1.00	1.54
0814-011 v	ND	3.84	VENT	10.22	1.70	1.00	1.00	1.64
0814-012 v	ND	ND	VENT	11.15	1.86	1.00	1.00	1.60

Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130702.D Vial: 1
Acq On : 13 Apr 2007 8:54 Operator: ZW
Sample : STD 100ppm S14-12280601 Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 9:04 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006 ZW 4/13/07
Response via : Initial Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	1.40	544923	93.818	ppm
2)	Methane	1.83	469744	74.626	ppm
3)	Carbon Dioxide	3.06	569257	91.810	ppm
4)	TGNMO-1	4.85	670086	104.422	ppmC
5)	TGMNO-2	0.00	0	N.D.	ppm

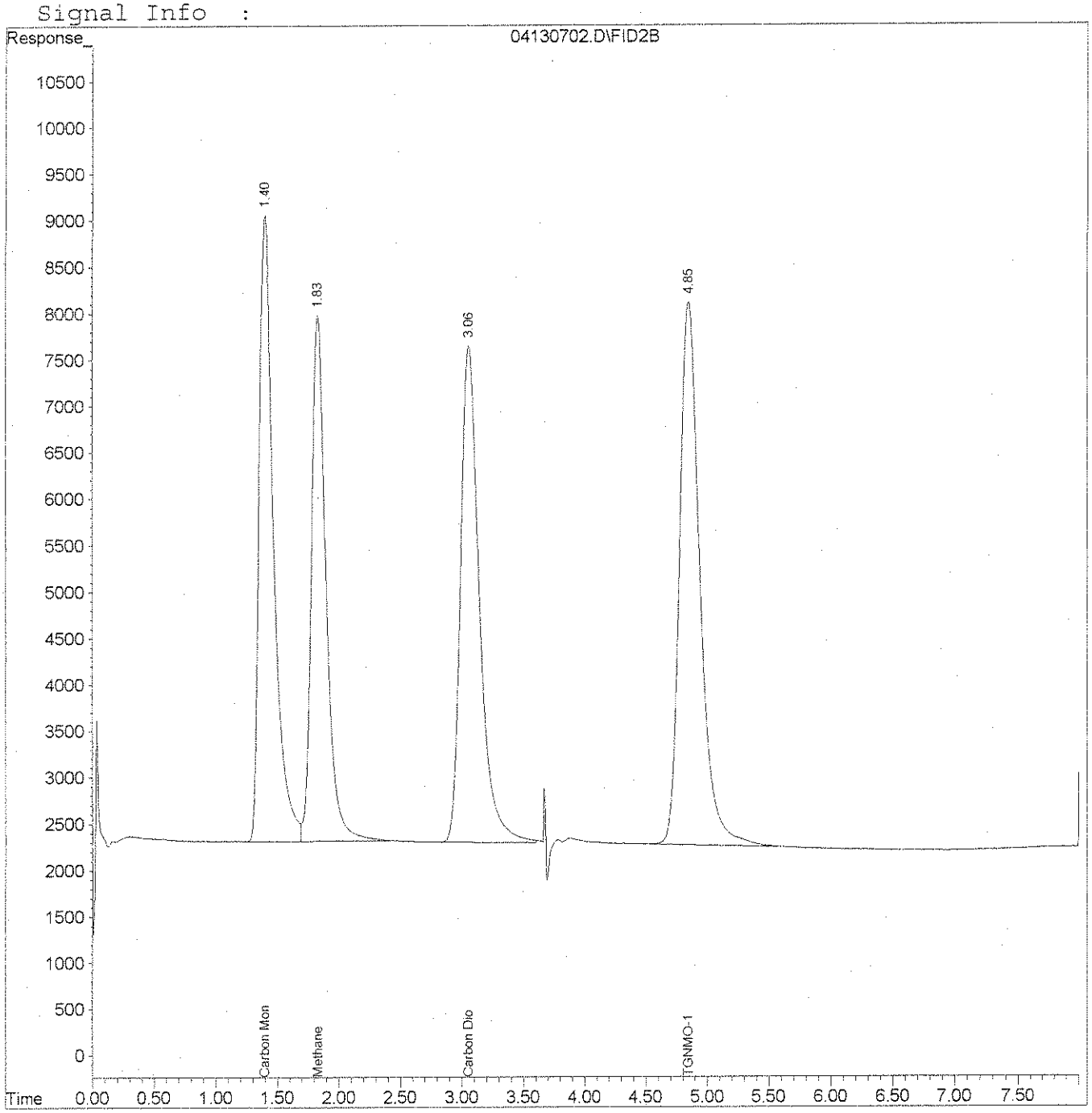
(f)=RT Delta > 1/2 Window (m)=manual int.
04130702.D M102006.M Fri Apr 13 14:27:57 2007 Page 1

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130702.D Vial: 1
Acq On : 13 Apr 2007 8:54 Operator: ZW
Sample : STD 100ppm S14-12280601 Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 9:04 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130703.D Vial: 1
Acq On : 13 Apr 2007 9:06 Operator: ZW
Sample : MB Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:29 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :

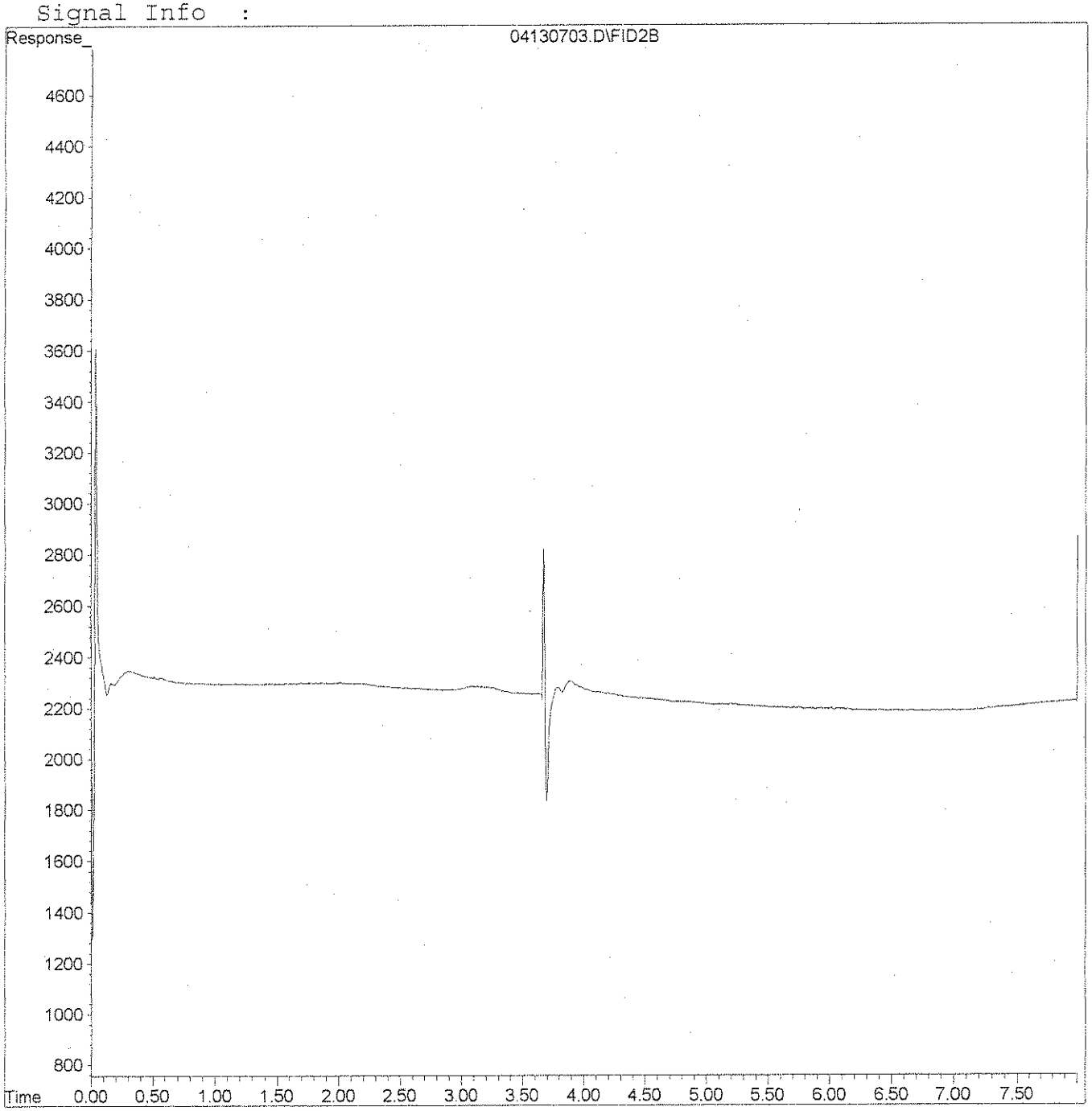
	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	0.00	0	N.D.	ppm
2)	Methane	0.00	0	N.D.	ppm
3)	Carbon Dioxide	0.00	0	N.D.	ppm
4)	TGNMO-1	0.00	0	N.D.	ppmC
5)	TGMNO-2	0.00	0	N.D.	ppm

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130703.D Vial: 1
Acq On : 13 Apr 2007 9:06 Operator: ZW
Sample : MB Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:29 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130704.D Vial: 1
Acq On : 13 Apr 2007 9:19 Operator: ZW
Sample : Lab Air Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 9:29 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :

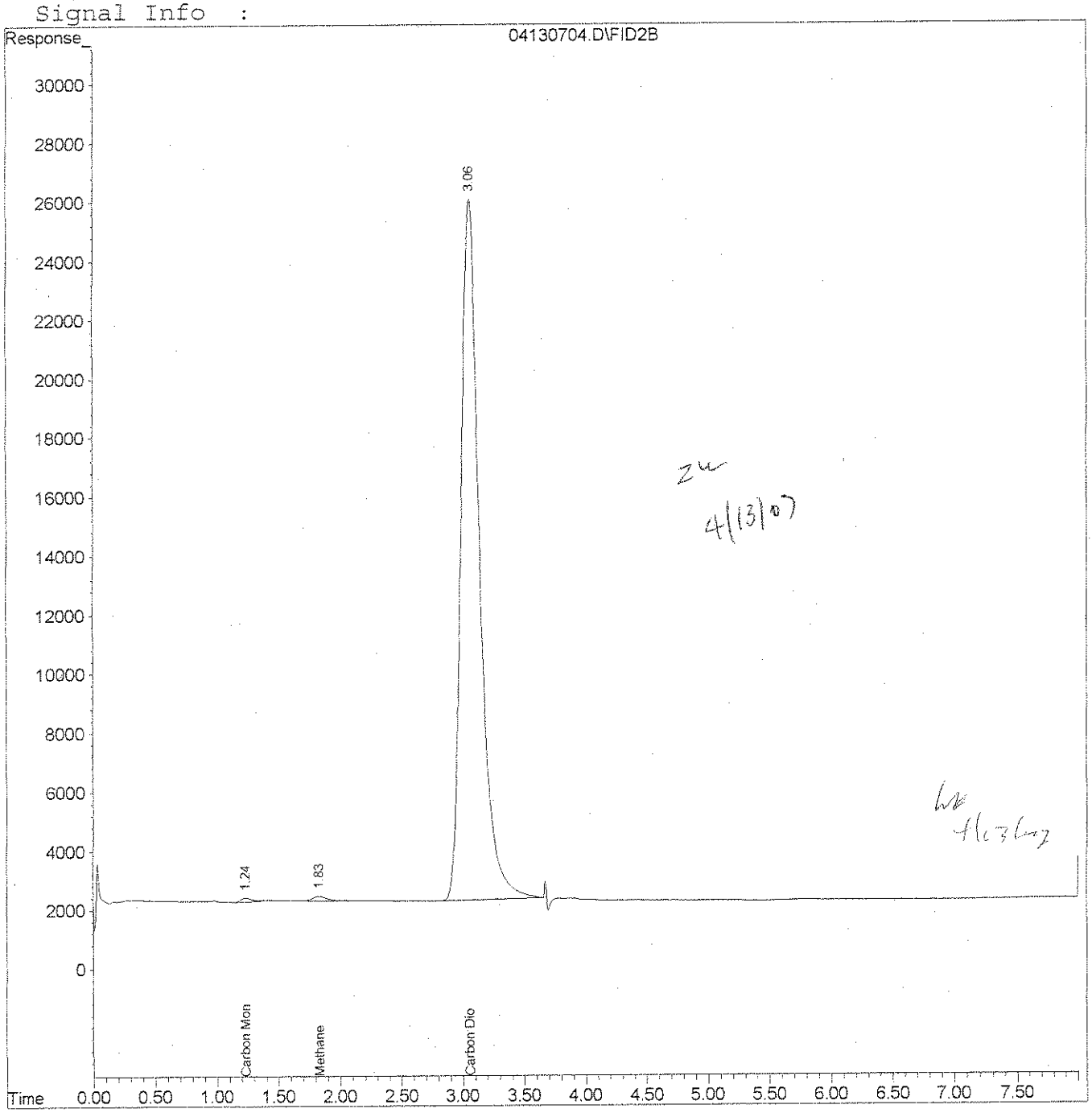
	Compound	R.T.	Response	Conc	Units	
	Target Compounds					
1)	Carbon Monoxide	1.24	8236	1.418	ppm	
2)	Methane	1.83	12810	2.035	ppm	
3)	Carbon Dioxide	3.06	2507594	404.428	ppm	m
4)	TGNMO-1	0.00	0	N.D.	ppmC	
5)	TGMNO-2	0.00	0	N.D.	ppm	

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130704.D Vial: 1
Acq On : 13 Apr 2007 9:19 Operator: ZW
Sample : Lab Air Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 9:29 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :



ZW 4/13/07

WK 4/23/07

Quantitation Report (Not Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130705.D Vial: 1
Acq On : 13 Apr 2007 9:31 Operator: ZW
Sample : LCS 345ppm S14-04050602 Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 9:39 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :

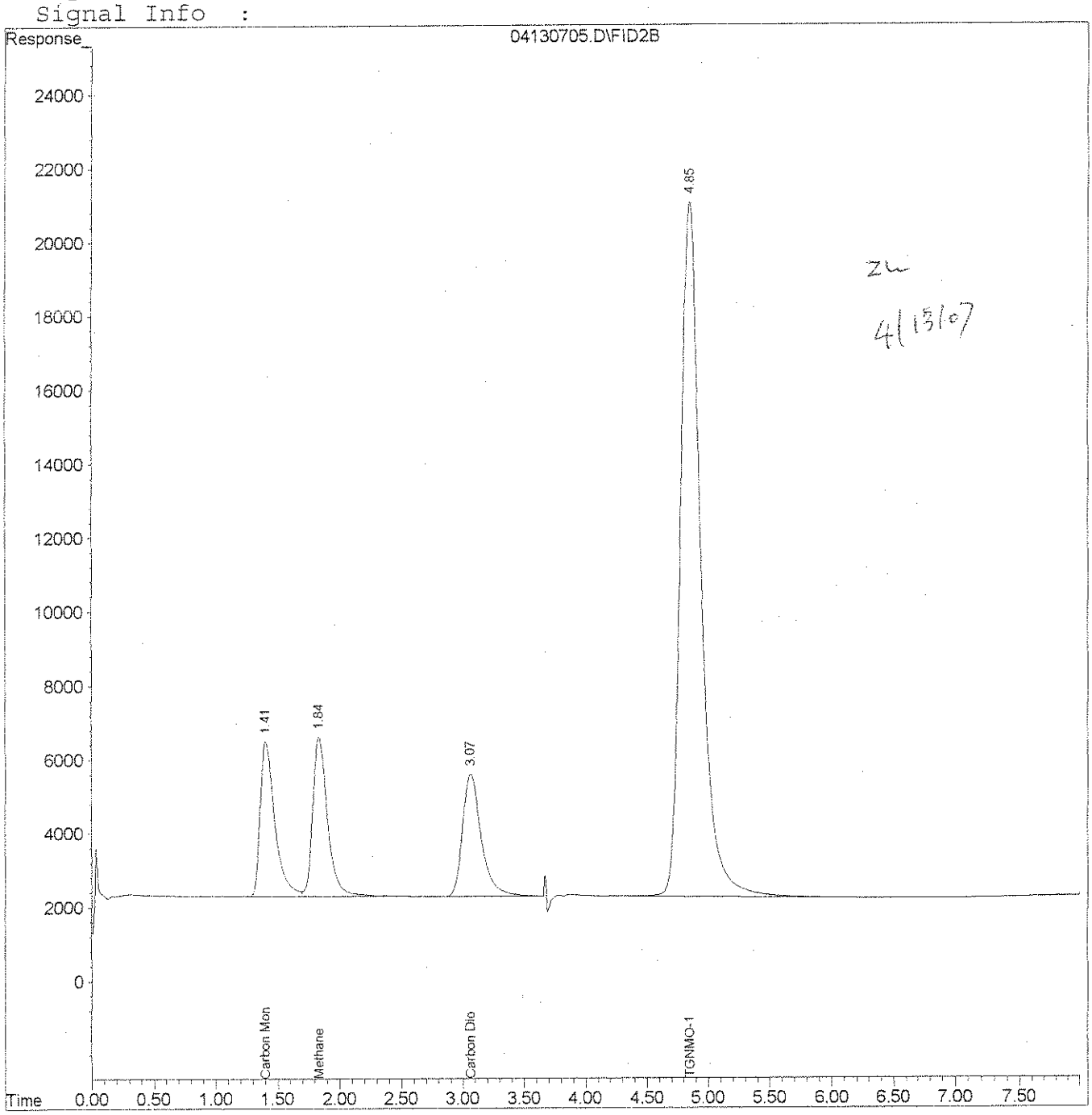
	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Carbon Monoxide	1.41	344853	59.373	ppm
2)	Methane	1.84	359373	57.092	ppm
3)	Carbon Dioxide	3.07	354897	57.238	ppm
4)	TGNMO-1	4.85	2174870	338.917	ppmC
5)	TGMNO-2	0.00	0	N.D.	ppm

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130705.D Vial: 1
Acq On : 13 Apr 2007 9:31 Operator: ZW
Sample : LCS 345ppm S14-04050602 Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 9:39 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :



ZW
4/13/07

Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130706.D Vial: 1
Acq On : 13 Apr 2007 9:44 Operator: ZW
Sample : LCSD 345ppm S14-04050602 Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 9:54 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :

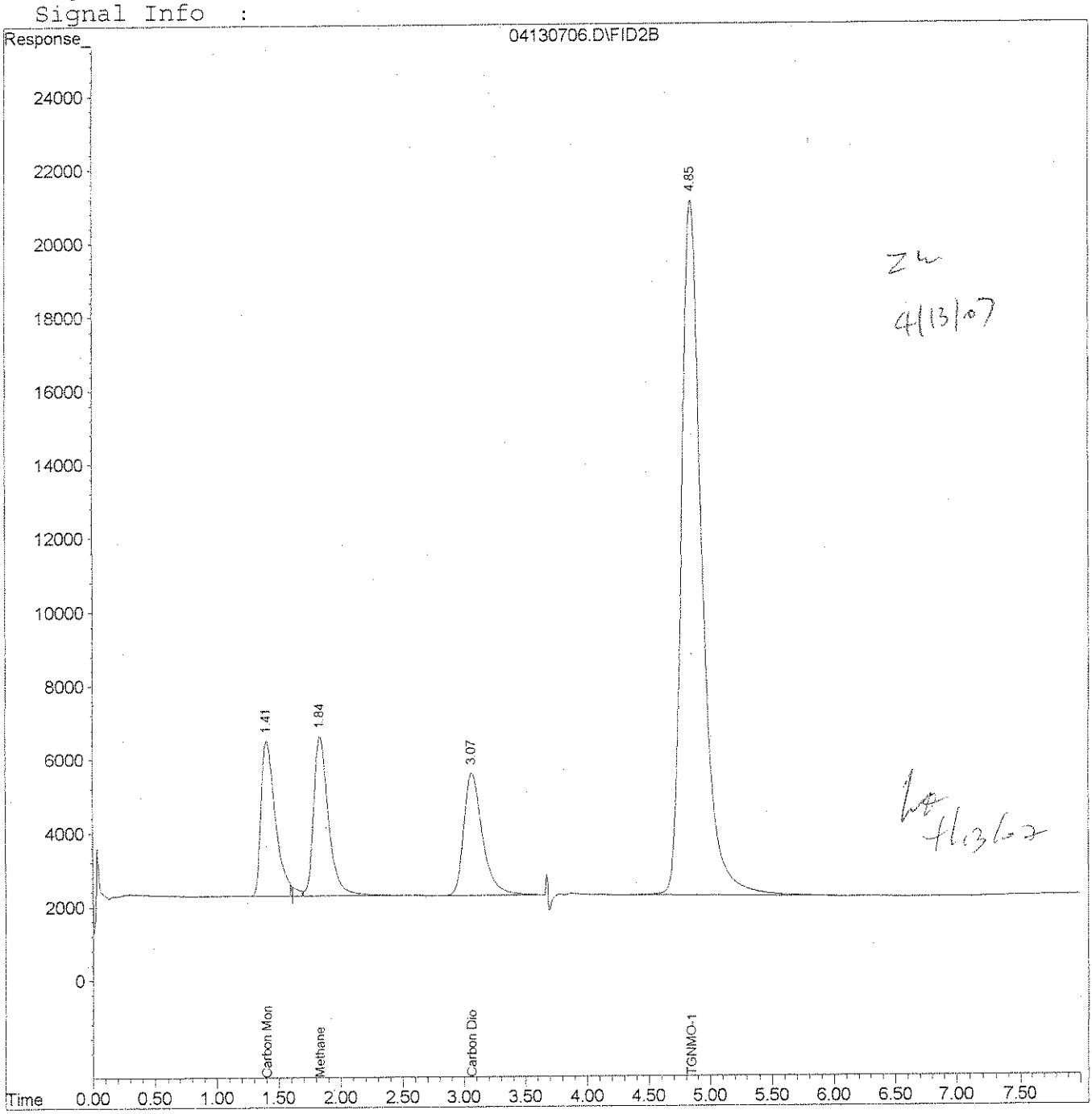
	Compound	R.T.	Response	Conc	Units	
	Target Compounds					
1)	Carbon Monoxide	1.41	343232	59.093	ppm	m
2)	Methane	1.84	365083	57.999	ppm	m
3)	Carbon Dioxide	3.07	352690	56.882	ppm	
4)	TGNMO-1	4.85	2175117	338.955	ppmC	
5)	TGMNO-2	0.00	0	N.D.	ppm	

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130706.D Vial: 1
Acq On : 13 Apr 2007 9:44 Operator: ZW
Sample : LCSD 345ppm S14-04050602 Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 9:54 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :



ZW
4/13/07

4/13/07

Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130708.D Vial: 1
Acq On : 13 Apr 2007 10:09 Operator: ZW
Sample : 0814-014 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:30 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :

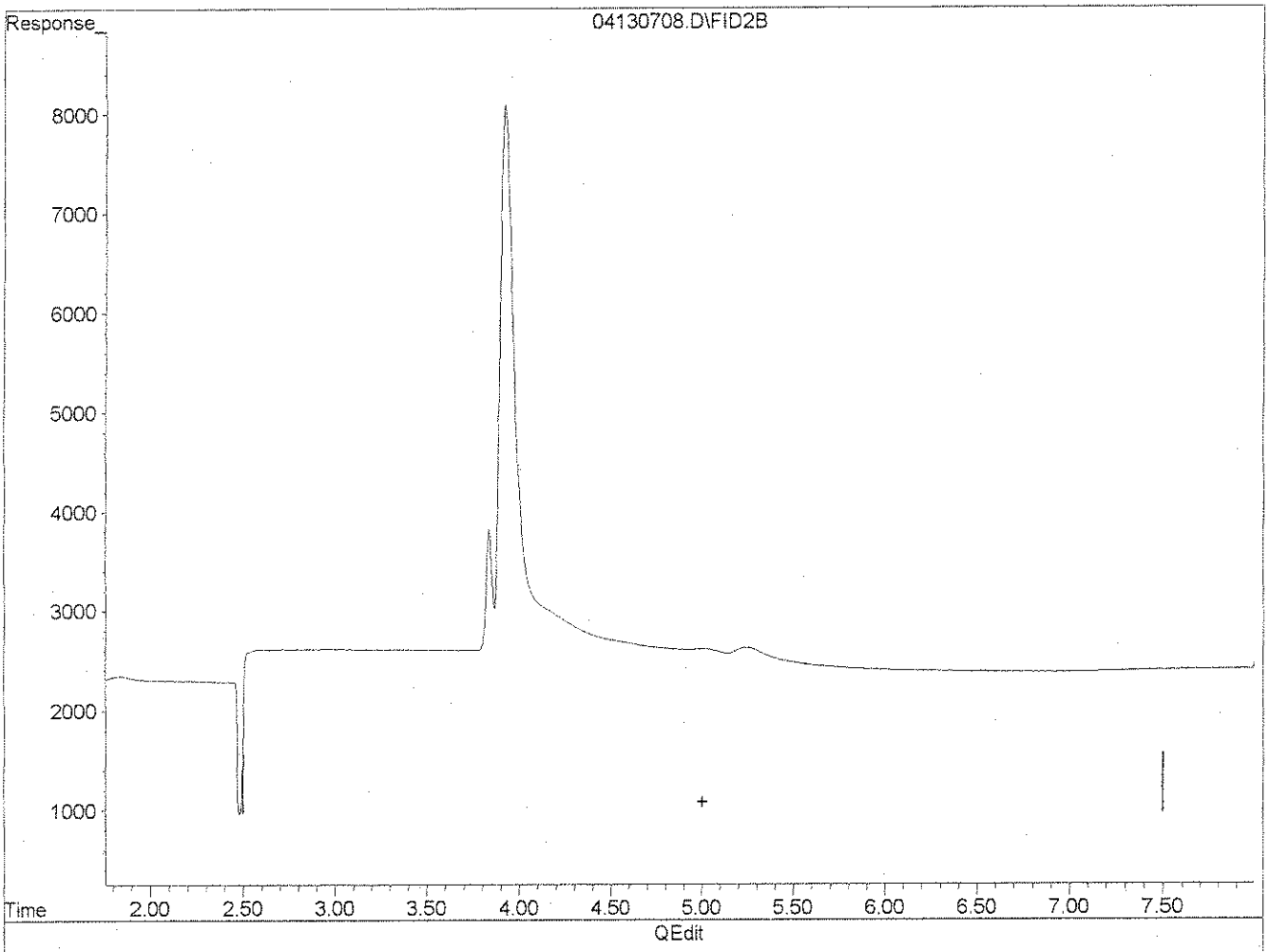
	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	1.26	8986	1.547	ppm
2)	Methane	1.82	3423	0.544	ppm
3)	Carbon Dioxide	2.95	27232	4.392	ppm
4)	TGNMO-1	5.27	15224	2.372	ppmC m
5)	TGMNO-2	0.00	0	N.D.	ppm

(f)=RT Delta > 1/2 Window (m)=manual int.
04130708.D M102006.M Fri Apr 13 14:29:45 2007 Page 1

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130708.D Vial: 1
Acq On : 13 Apr 2007 10:09 Operator: ZW
Sample : 0814-014 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 10:19 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

5.01min 0.000ppmC

response 0

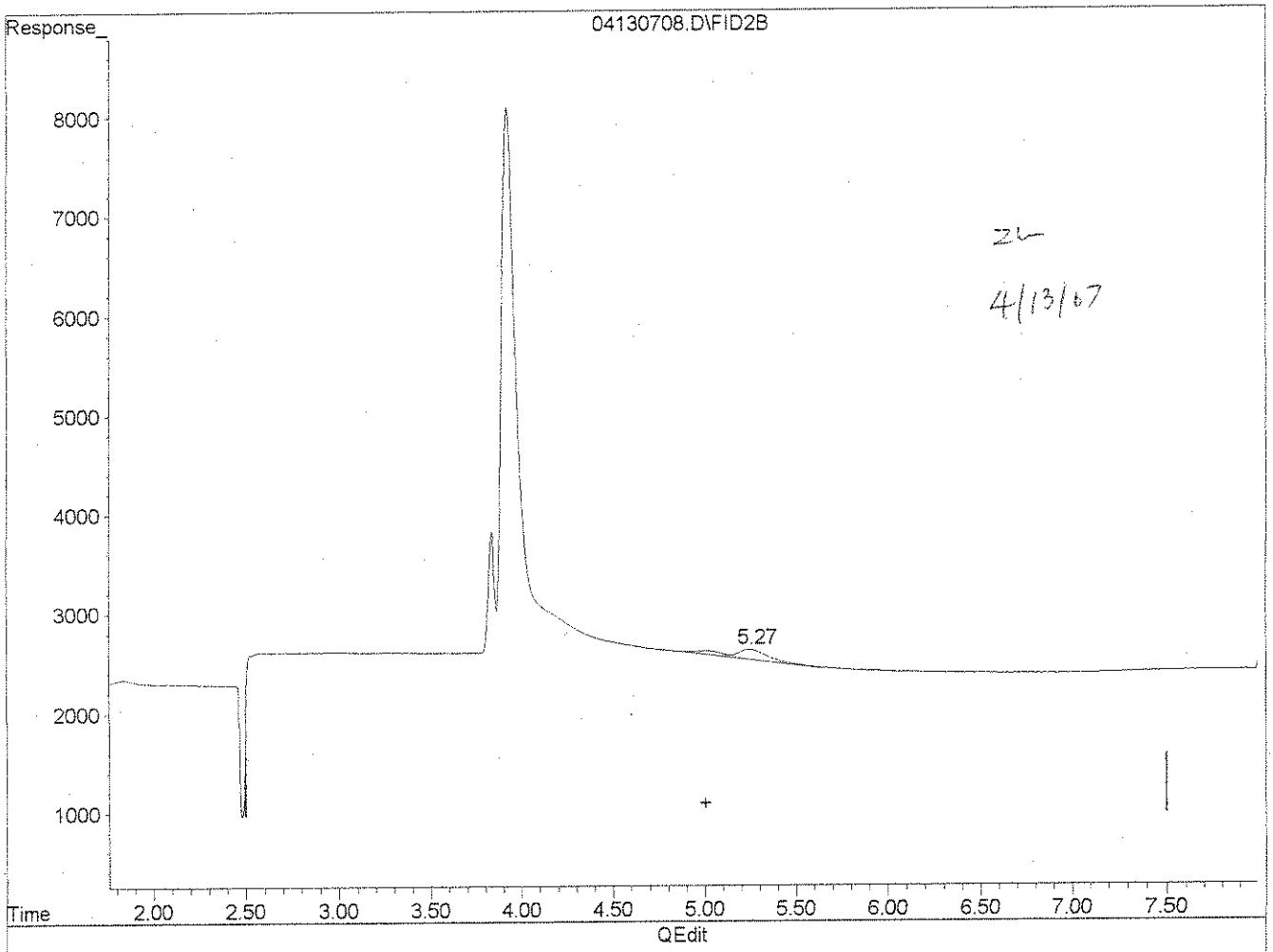
(+) = Expected Retention Time

04130708.D M102006.M Fri Apr 13 14:29:32 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130708.D Vial: 1
Acq On : 13 Apr 2007 10:09 Operator: ZW
Sample : 0814-014 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 10:19 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

5.27min 2.372ppmC m

response 15224

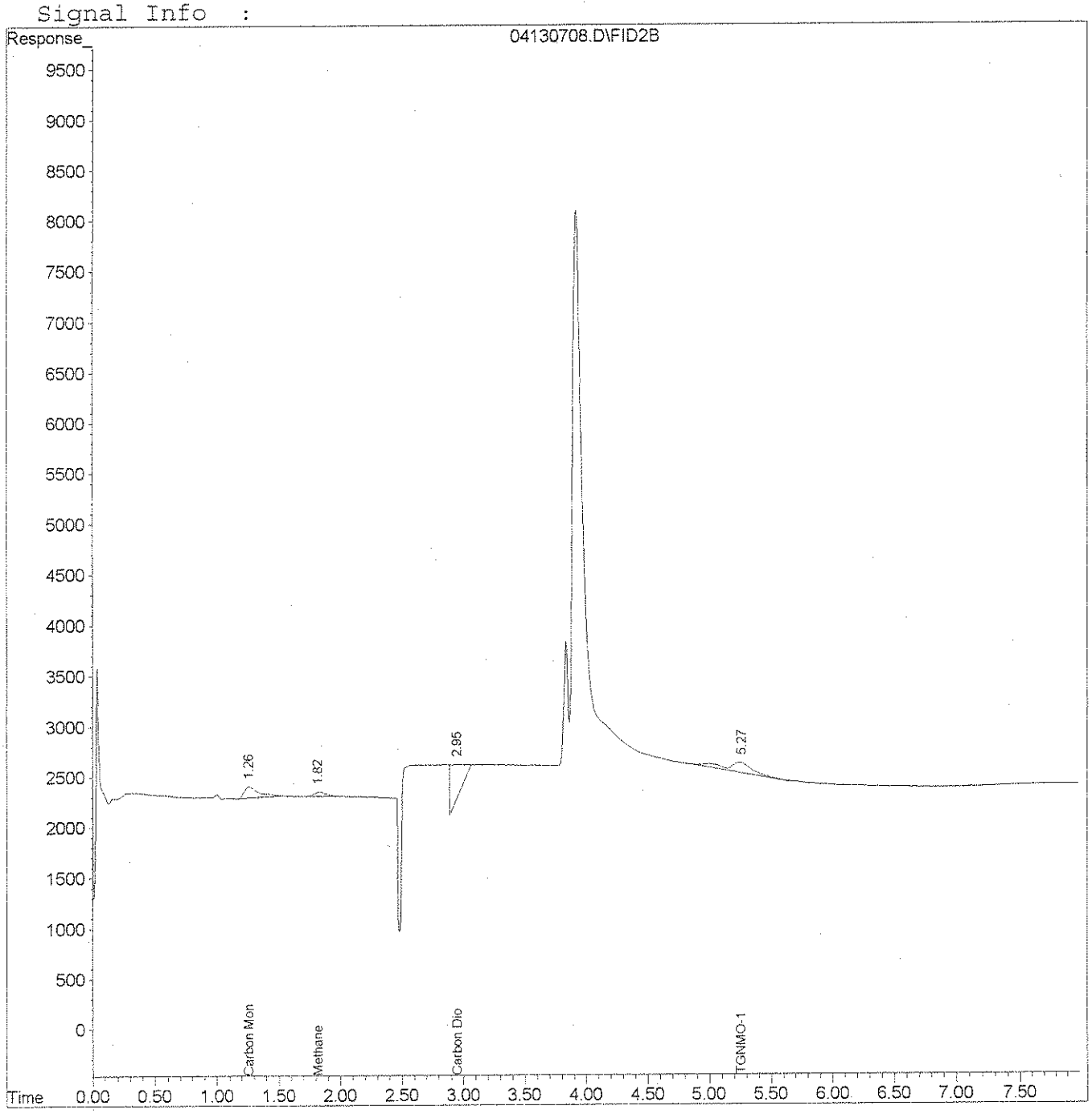
(+) = Expected Retention Time
04130708.D M102006.M Fri Apr 13 14:29:40 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130708.D Vial: 1
Acq On : 13 Apr 2007 10:09 Operator: ZW
Sample : 0814-014 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:30 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130709.D Vial: 1
Acq On : 13 Apr 2007 10:26 Operator: ZW
Sample : 0814-015 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:30 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :

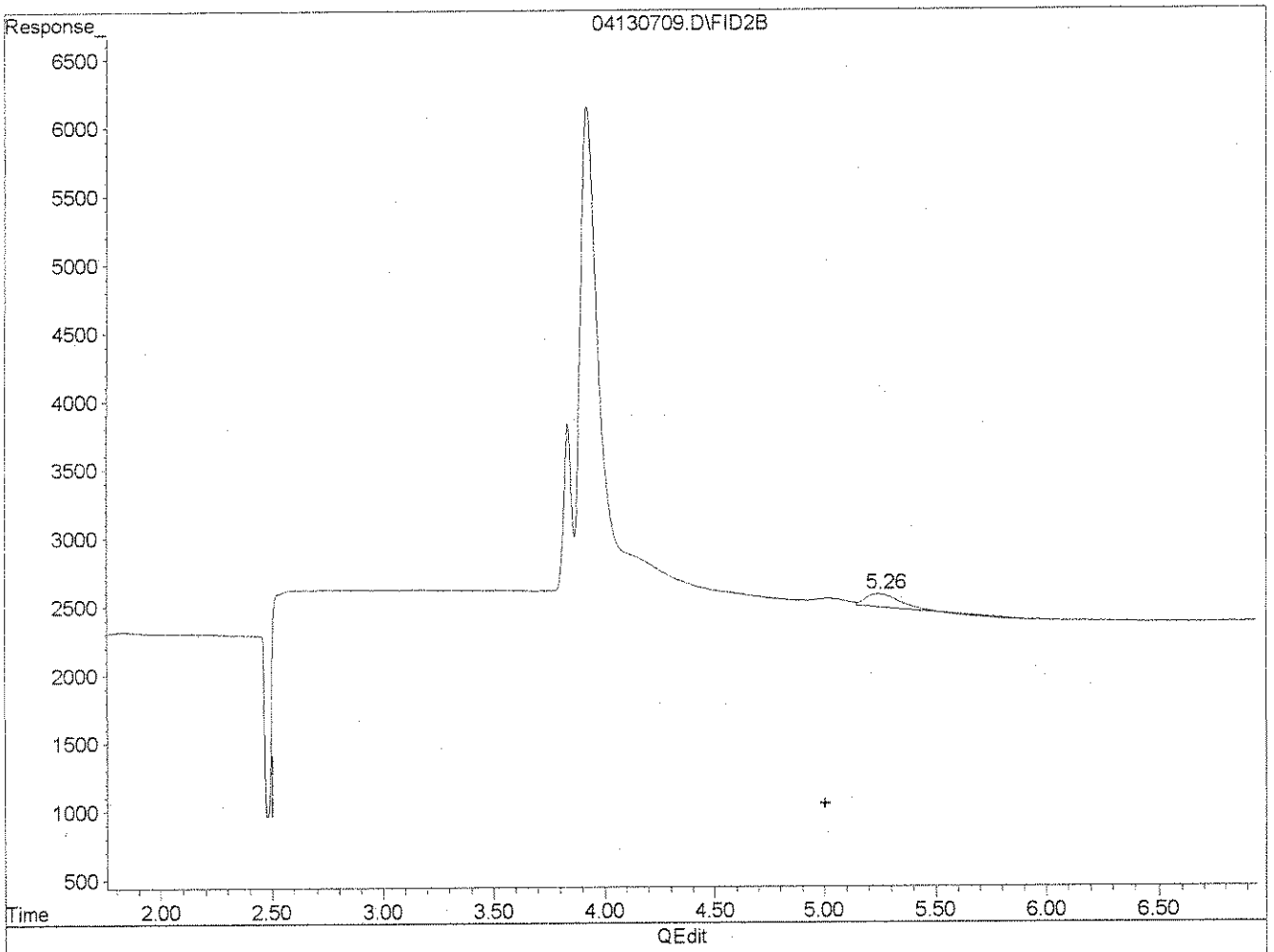
	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	1.26	6274	1.080	ppm
2)	Methane	0.00	0	N.D.	ppm
3)	Carbon Dioxide	0.00	0	N.D.	ppm
4)	TGNMO-1	5.26	15322	2.388	ppmC m
5)	TGMNO-2	0.00	0	N.D.	ppm

(f)=RT Delta > 1/2 Window (m)=manual int.
04130709.D M102006.M Fri Apr 13 14:30:10 2007 Page 1

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130709.D Vial: 1
Acq On : 13 Apr 2007 10:26 Operator: ZW
Sample : 0814-015 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:30 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

5.25min 1.390ppmC

response 8918

(+) = Expected Retention Time

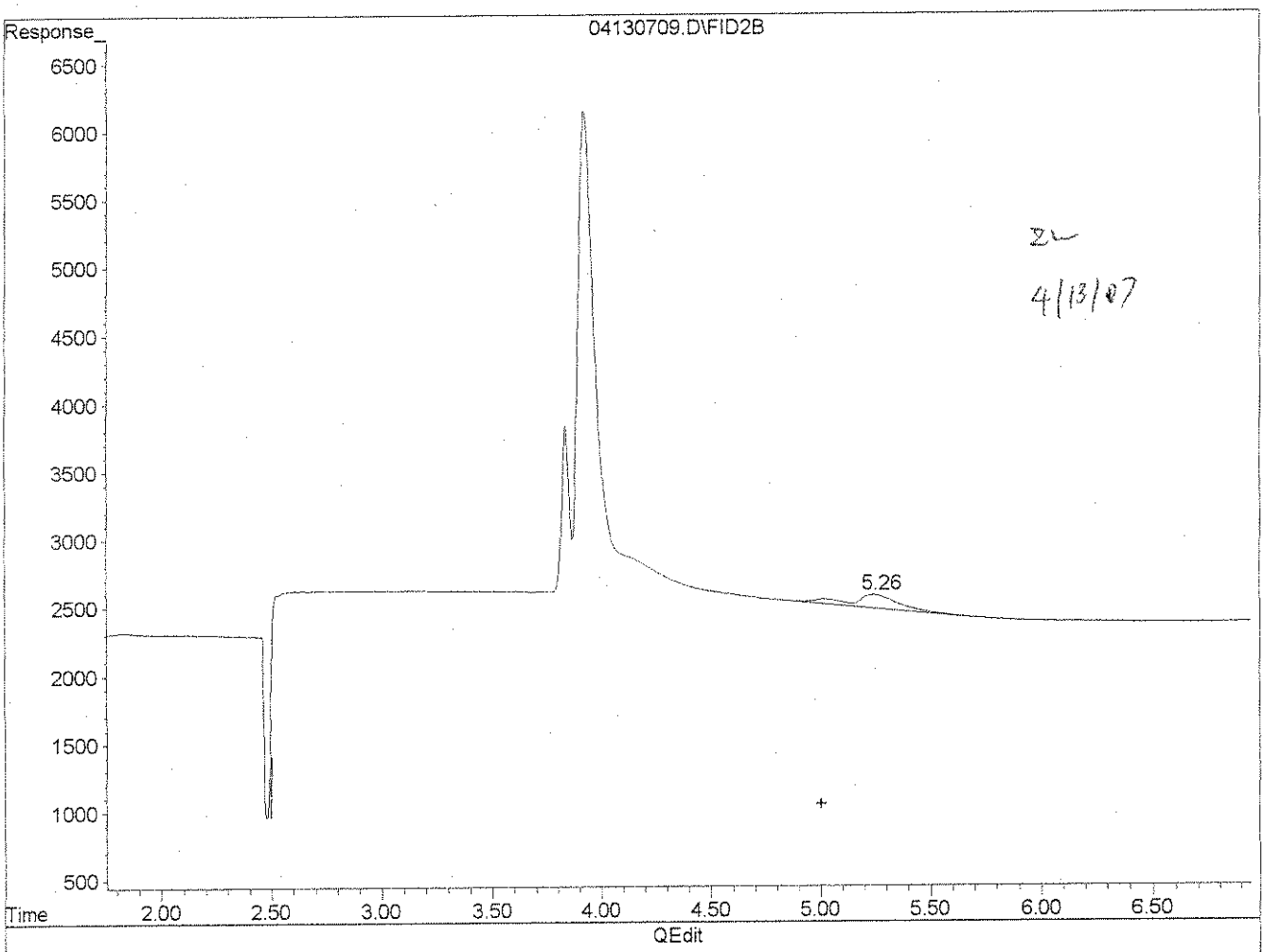
04130709.D M102006.M Fri Apr 13 14:29:58 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130709.D
Acq On : 13 Apr 2007 10:26
Sample : 0814-015 v
Misc :
IntFile : autoint1.e
Quant Time: Apr 13 14:30 2007 Quant Results File: M102006.RES

Vial: 1
Operator: ZW
Inst : GC 01
Multiplr: 1.00

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

5.26min 2.388ppmC m

response 15322

WK 4/17/07

(+) = Expected Retention Time

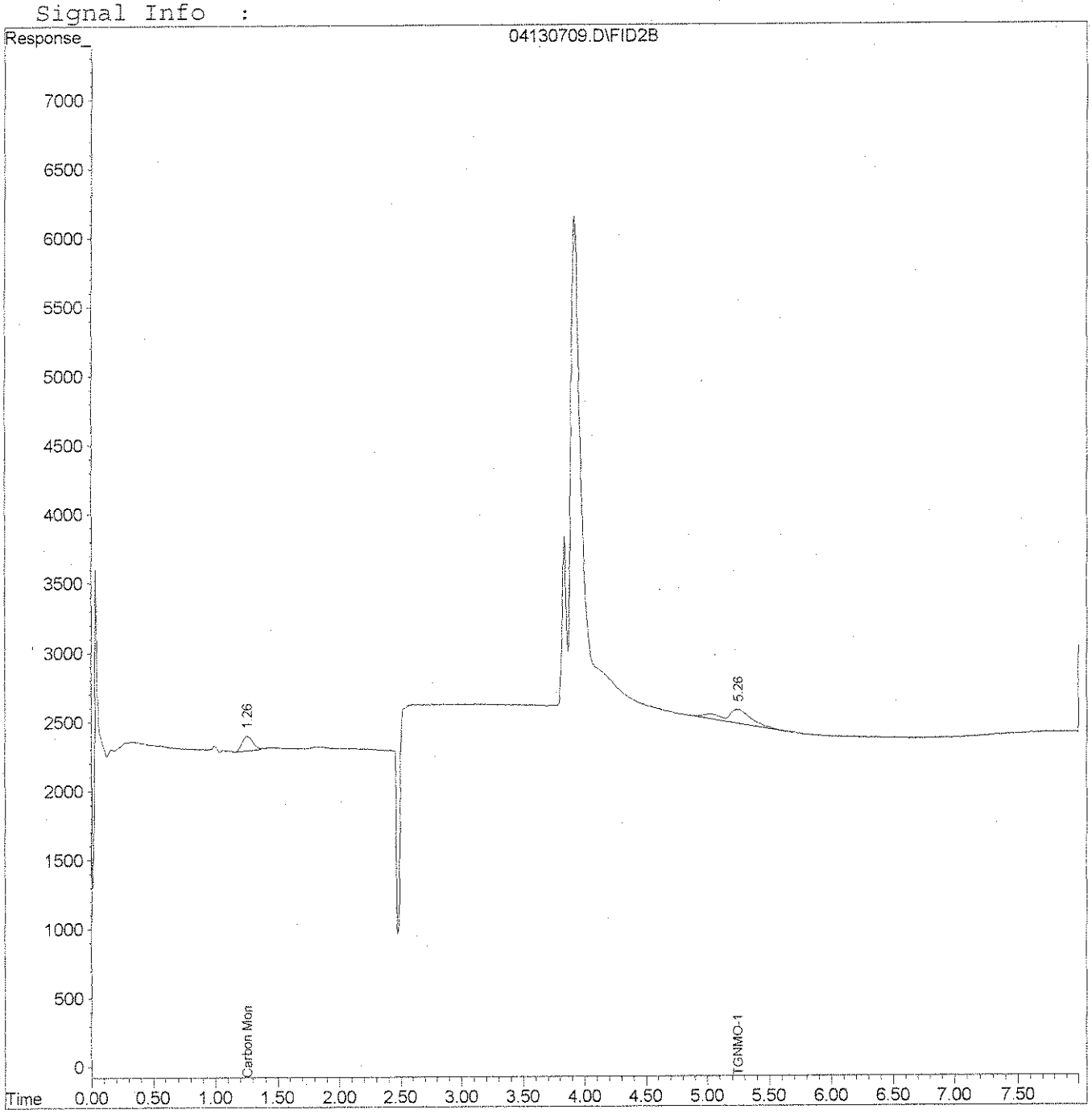
04130709.D M102006.M Fri Apr 13 14:30:05 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130709.D Vial: 1
Acq On : 13 Apr 2007 10:26 Operator: ZW
Sample : 0814-015 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:30 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130710.D Vial: 1
Acq On : 13 Apr 2007 10:38 Operator: ZW
Sample : 0814-016 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:31 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCO2.M

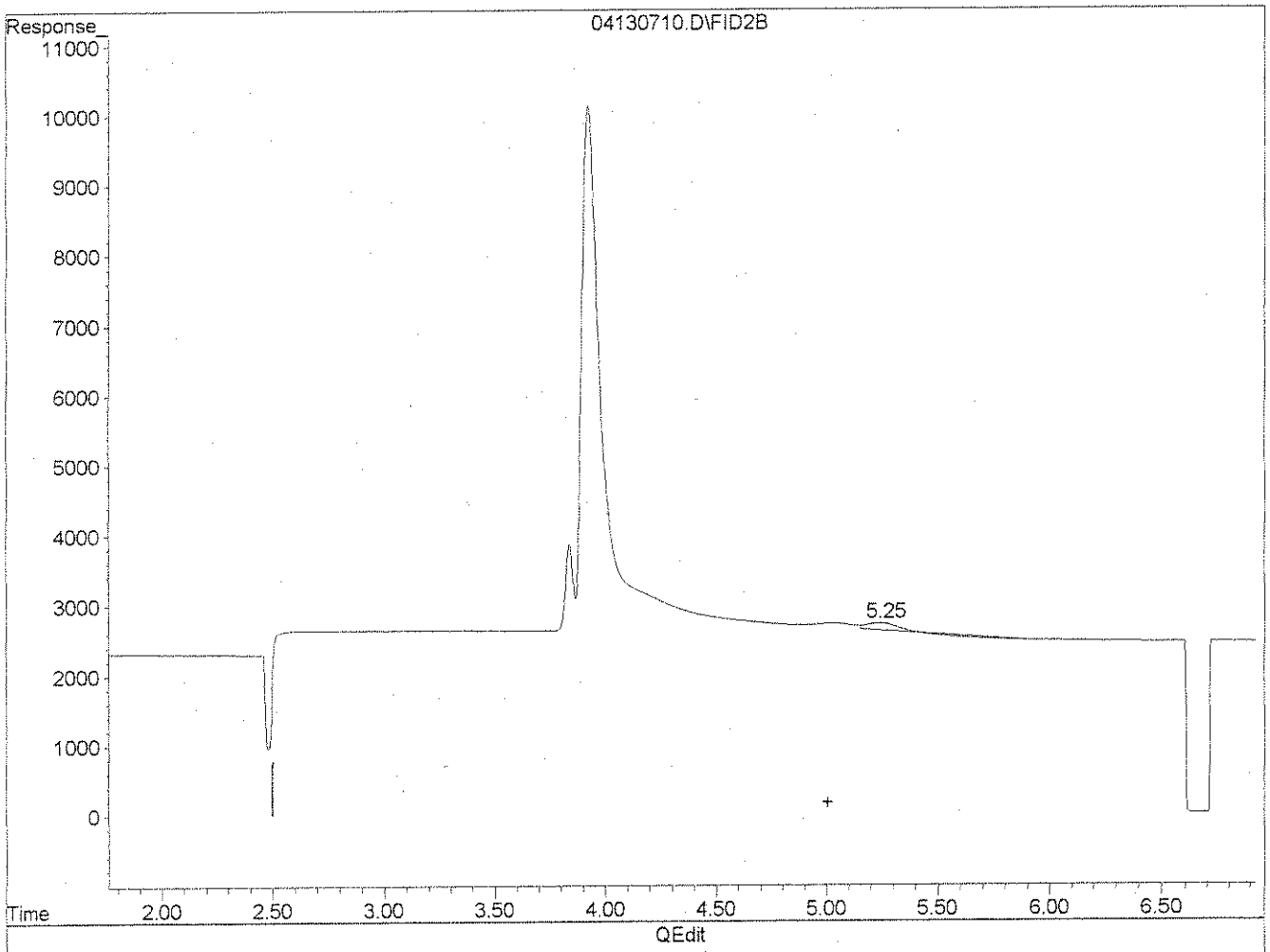
Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	1.27	7862	1.354	ppm
2)	Methane	0.00	0	N.D.	ppm
3)	Carbon Dioxide	2.85	28008	4.517	ppm
4)	TGNMO-1	5.25	18590	2.897	ppmC m
5)	TGMNO-2	0.00	0	N.D.	ppm

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130710.D Vial: 1
Acq On : 13 Apr 2007 10:38 Operator: ZW
Sample : 0814-016 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:30 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

5.24min 0.792ppmC

response 5082

(+) = Expected Retention Time

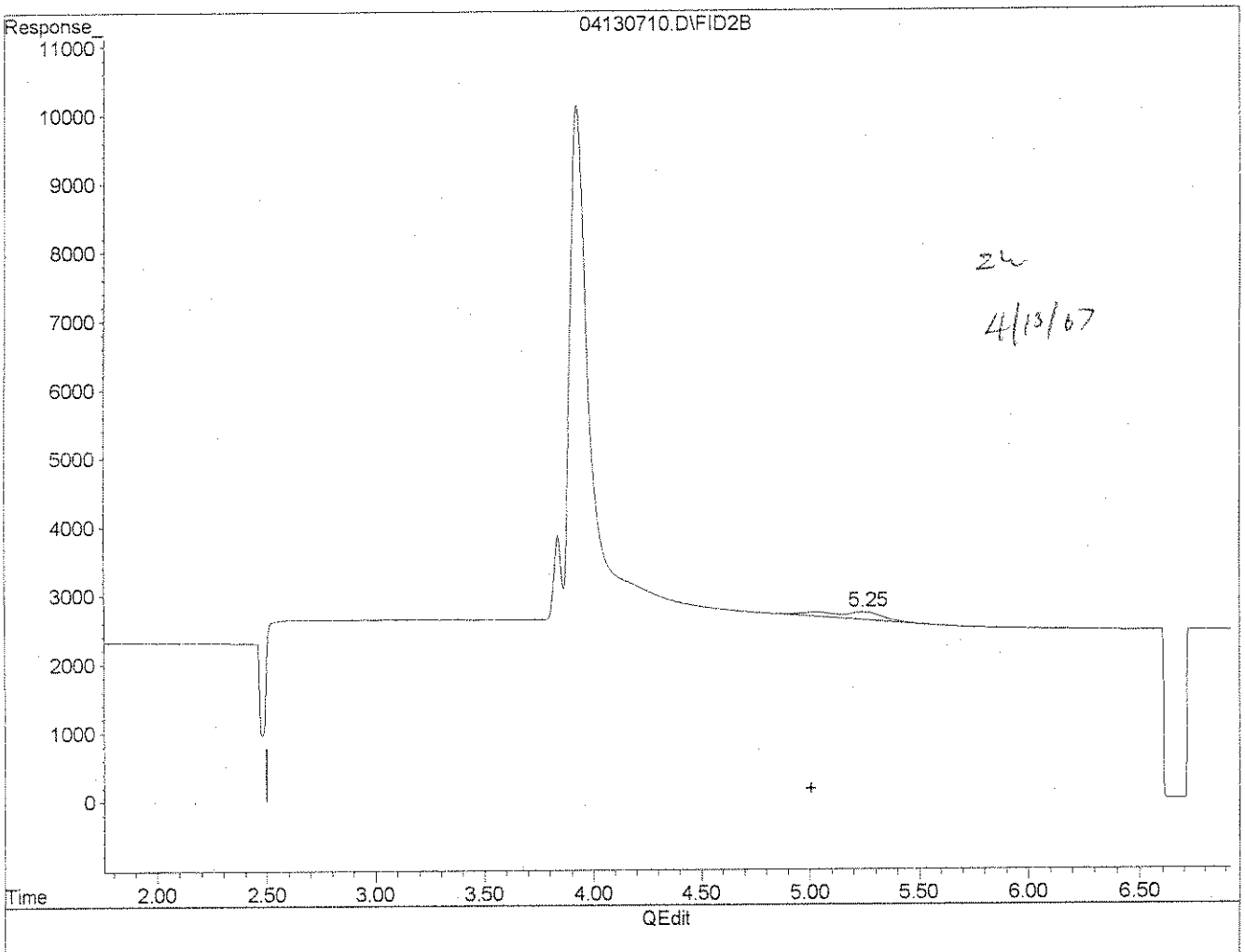
04130710.D M102006.M Fri Apr 13 14:30:24 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130710.D
Acq On : 13 Apr 2007 10:38
Sample : 0814-016 v
Misc :
IntFile : autoint1.e
Quant Time: Apr 13 14:30 2007 Quant Results File: M102006.RES

Vial: 1
Operator: ZW
Inst : GC 01
Multiplr: 1.00

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

5.25min 2.897ppmC m

response 18590

4/13/07

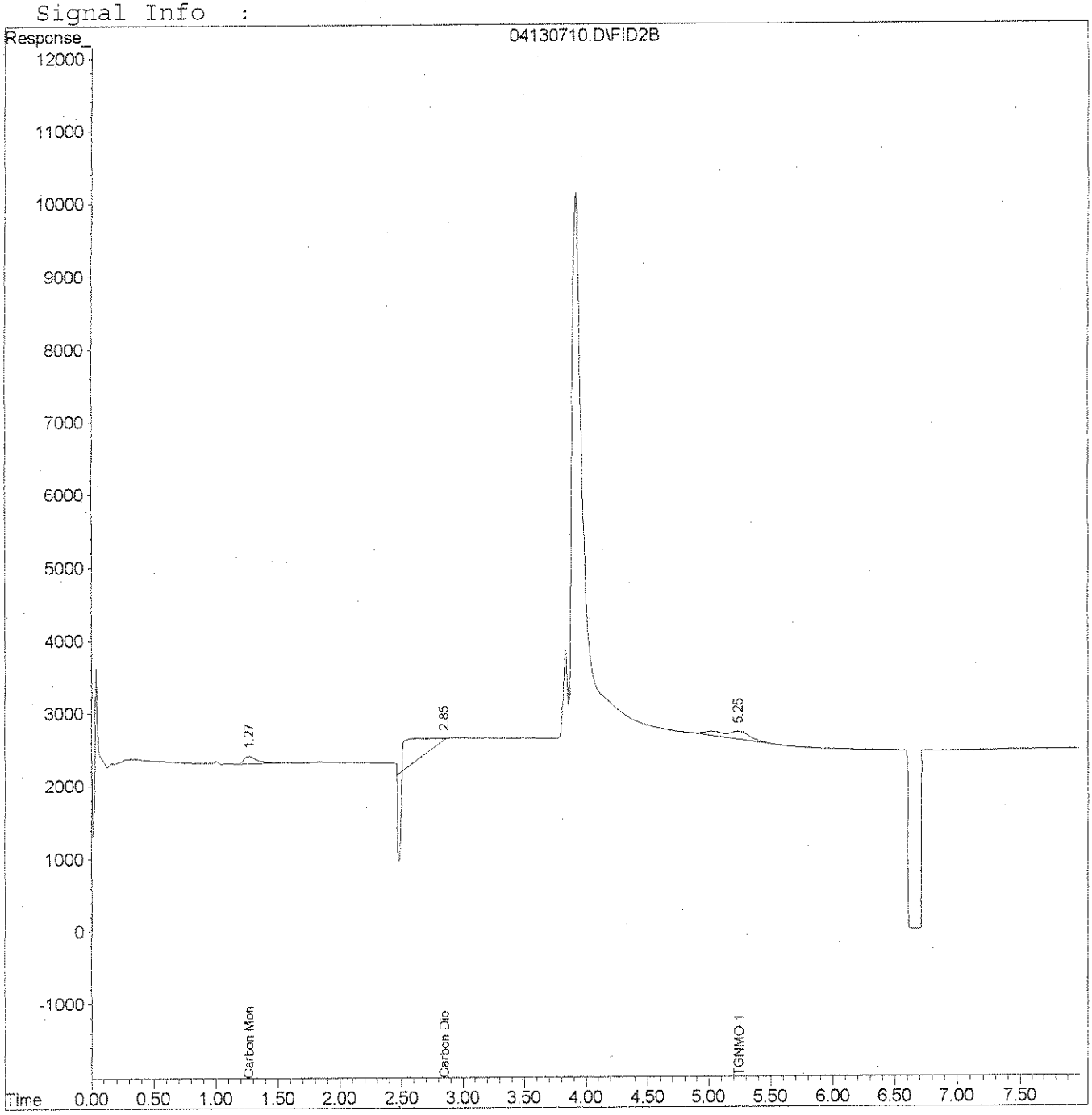
(+) = Expected Retention Time
04130710.D M102006.M Fri Apr 13 14:30:32 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130710.D Vial: 1
Acq On : 13 Apr 2007 10:38 Operator: ZW
Sample : 0814-016 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:31 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130711.D Vial: 1
Acq On : 13 Apr 2007 10:58 Operator: ZW
Sample : 0814-017 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:31 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCO2.M

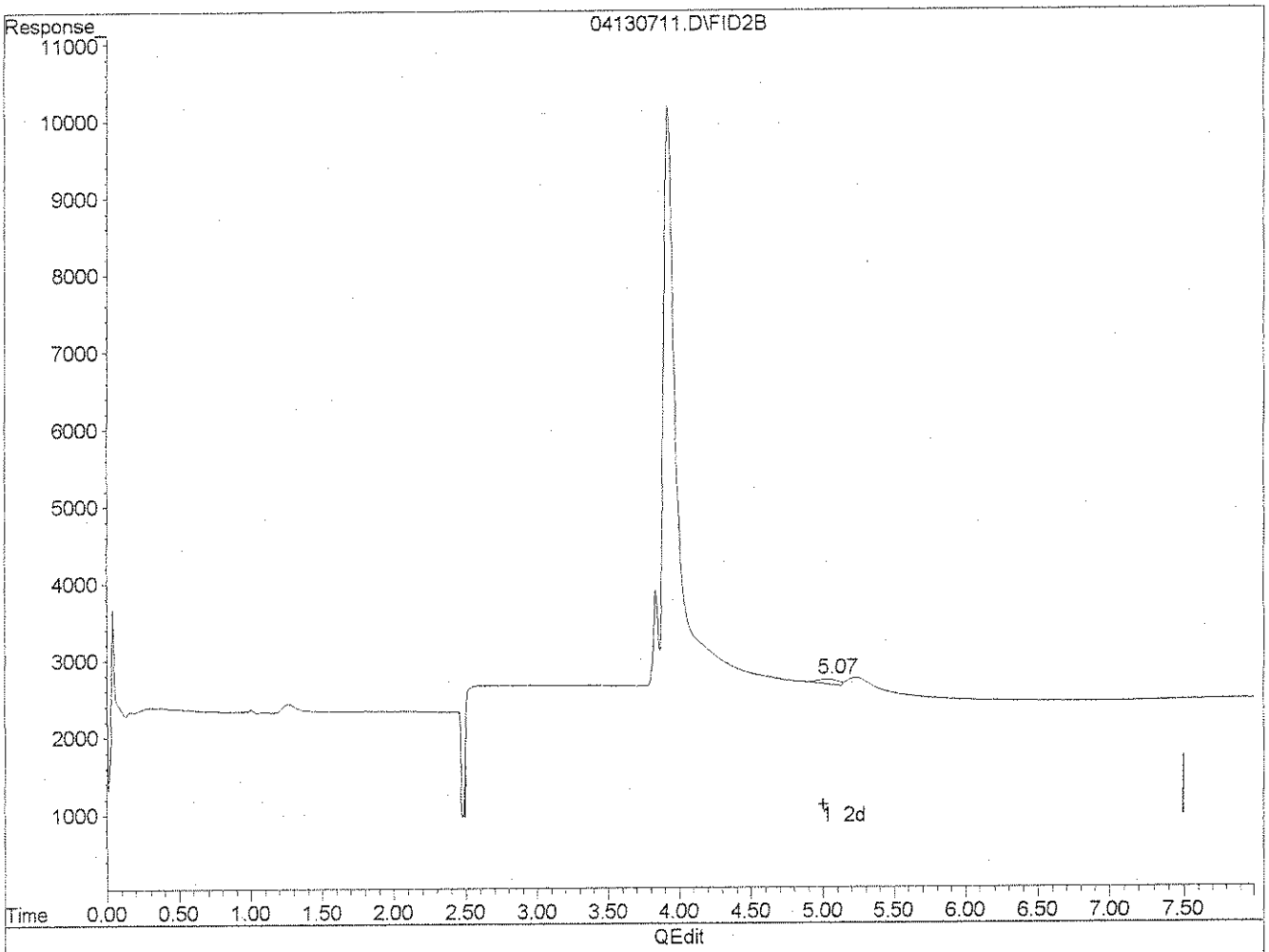
Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Carbon Monoxide	1.26	7047	1.213	ppm
2)	Methane	0.00	0	N.D.	ppm
3)	Carbon Dioxide	0.00	0	N.D.	ppm
4)	TGNMO-1	5.26	24074	3.752	ppmC m
5)	TGMNO-2	0.00	0	N.D.	ppm

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130711.D Vial: 1
Acq On : 13 Apr 2007 10:58 Operator: ZW
Sample : 0814-017 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:31 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

5.04min 0.978ppmC

response 6275

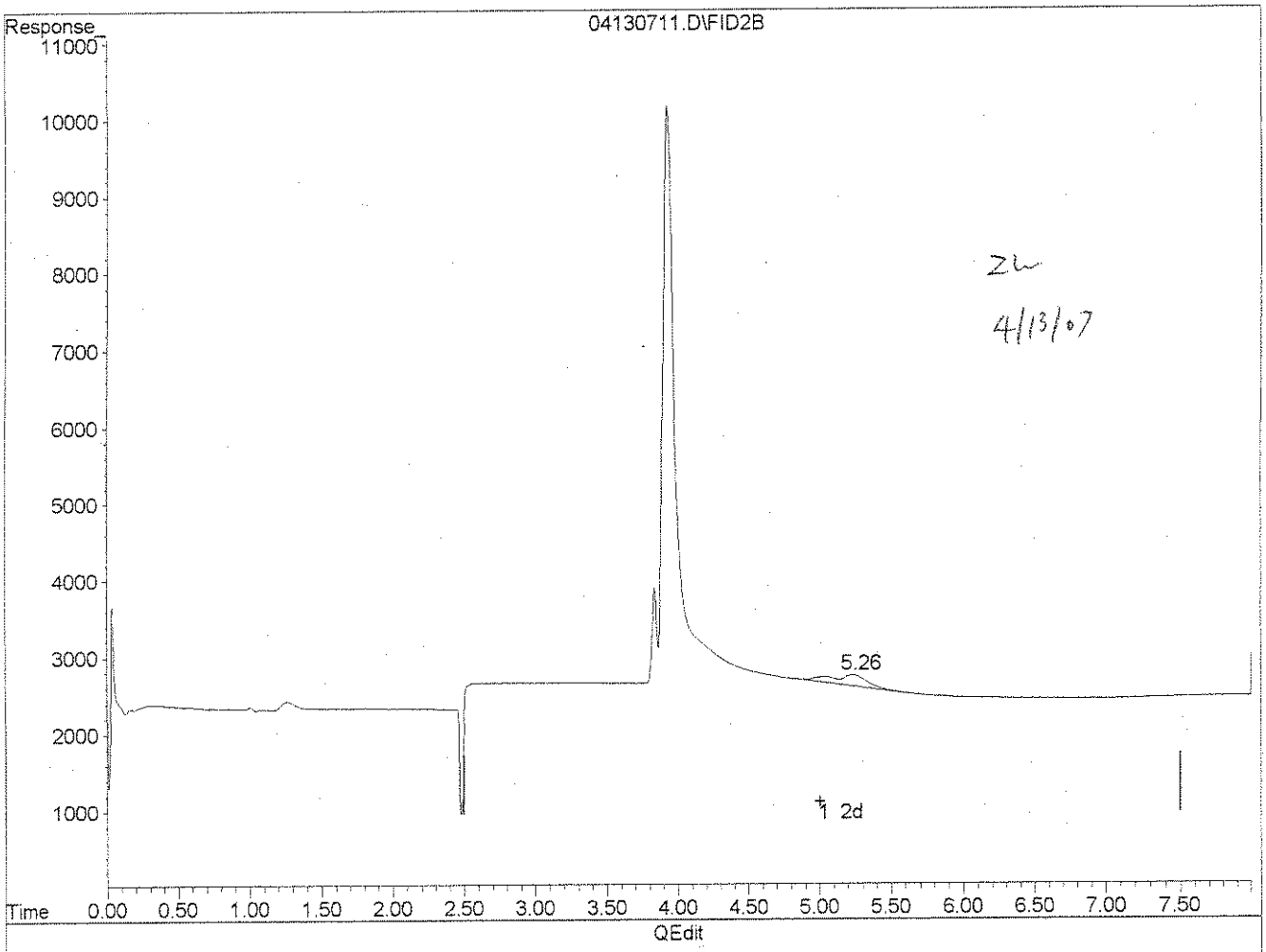
(+) = Expected Retention Time

04130711.D M102006.M Fri Apr 13 14:31:00 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130711.D Vial: 1
Acq On : 13 Apr 2007 10:58 Operator: ZW
Sample : 0814-017 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:31 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

5.26min 3.752ppmC m

response 24074

Wt flag for

(+) = Expected Retention Time

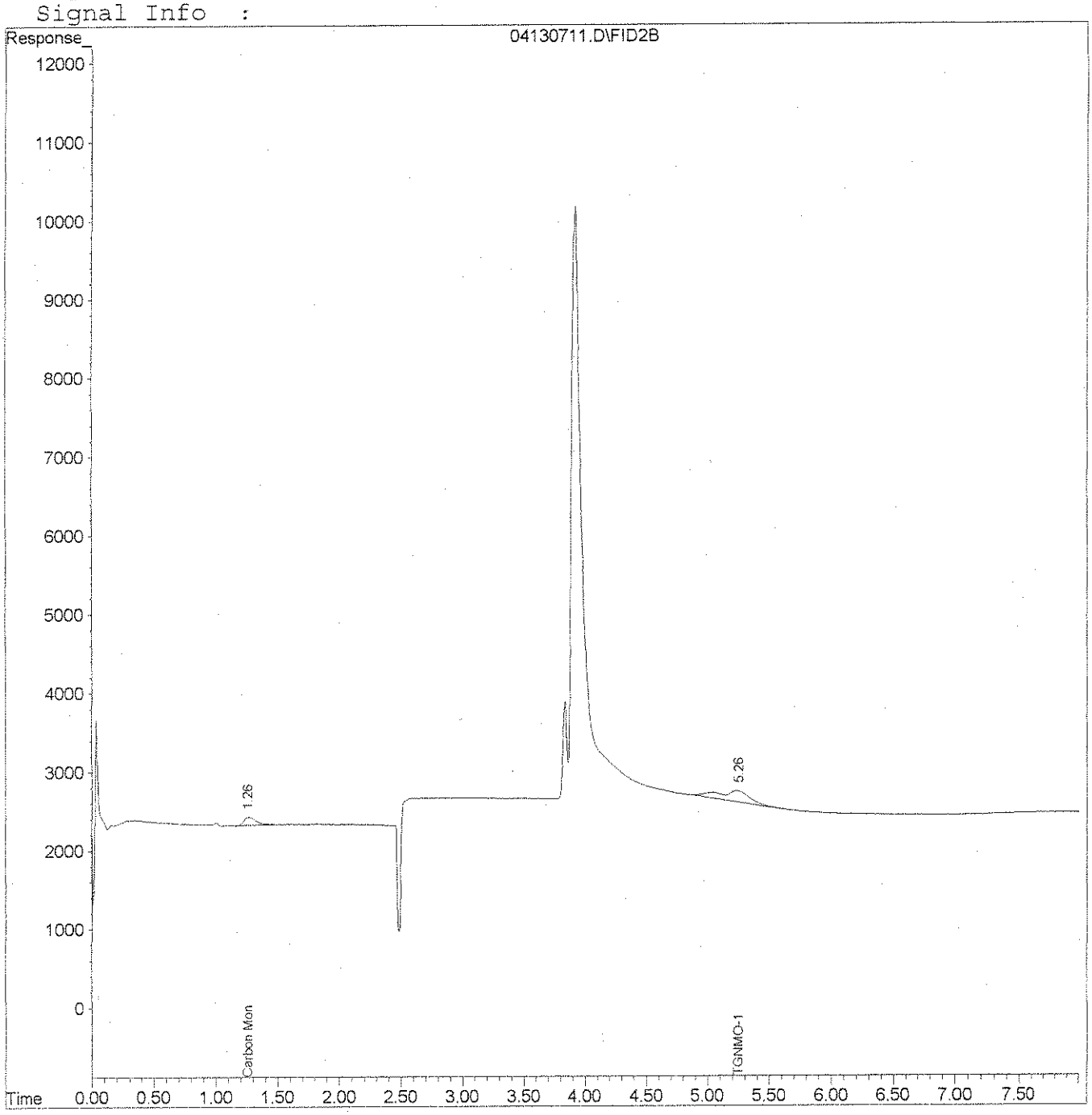
04130711.D M102006.M Fri Apr 13 14:31:19 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130711.D Vial: 1
Acq On : 13 Apr 2007 10:58 Operator: ZW
Sample : 0814-017 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:31 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130712.D Vial: 1
Acq On : 13 Apr 2007 11:13 Operator: ZW
Sample : 0814-018 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:32 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCO2.M

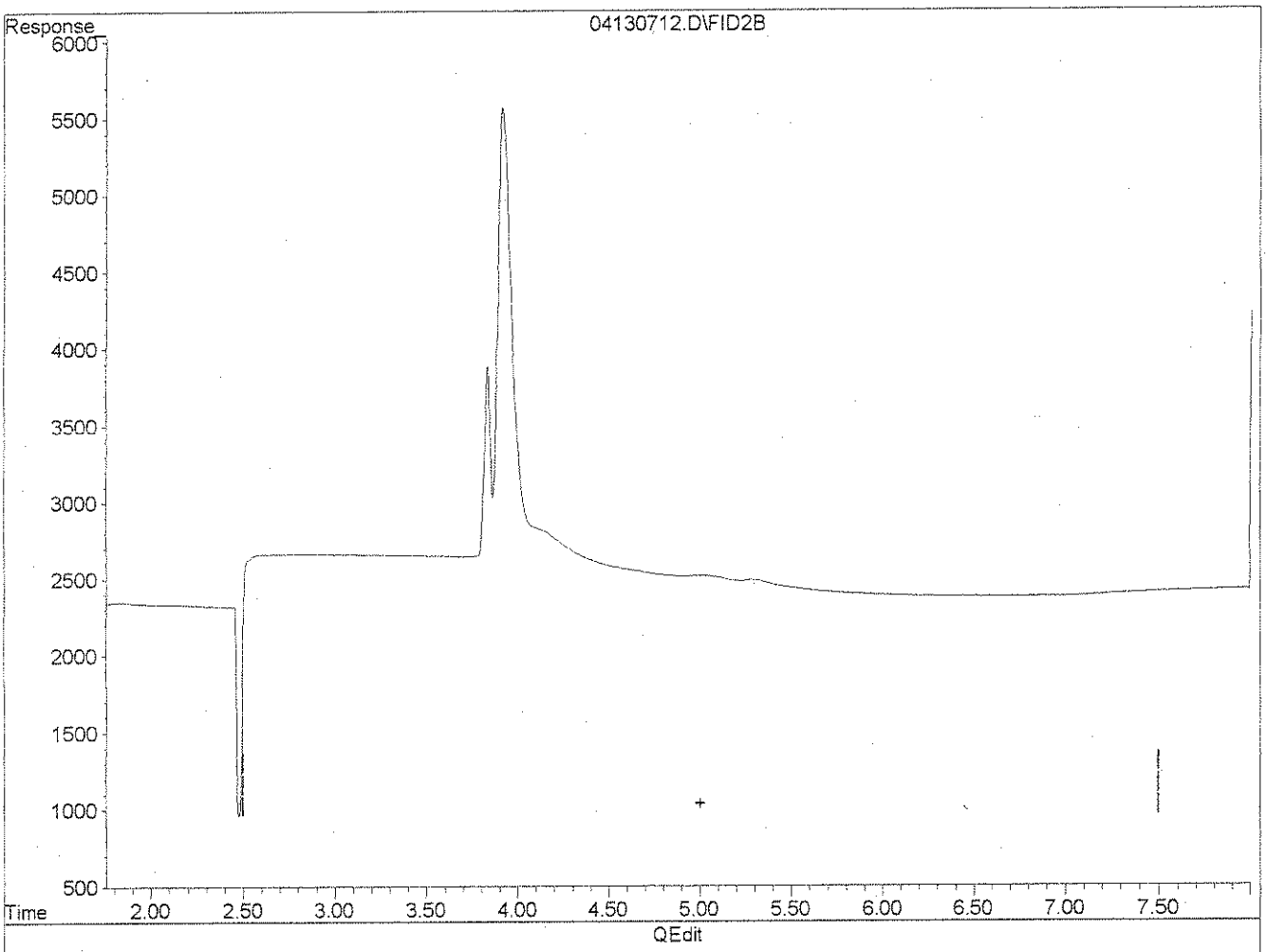
Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
	Target Compounds			
1)	Carbon Monoxide	1.26	4854	0.836 ppm
2)	Methane	0.00	0	N.D. ppm
3)	Carbon Dioxide	2.72	22083	3.562 ppm
4)	TGNMO-1	5.32	6711	1.046 ppmC m
5)	TGMNO-2	0.00	0	N.D. ppm

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130712.D Vial: 1
Acq On : 13 Apr 2007 11:13 Operator: ZW
Sample : 0814-018 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:32 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

5.01min 0.000ppmC

response 0

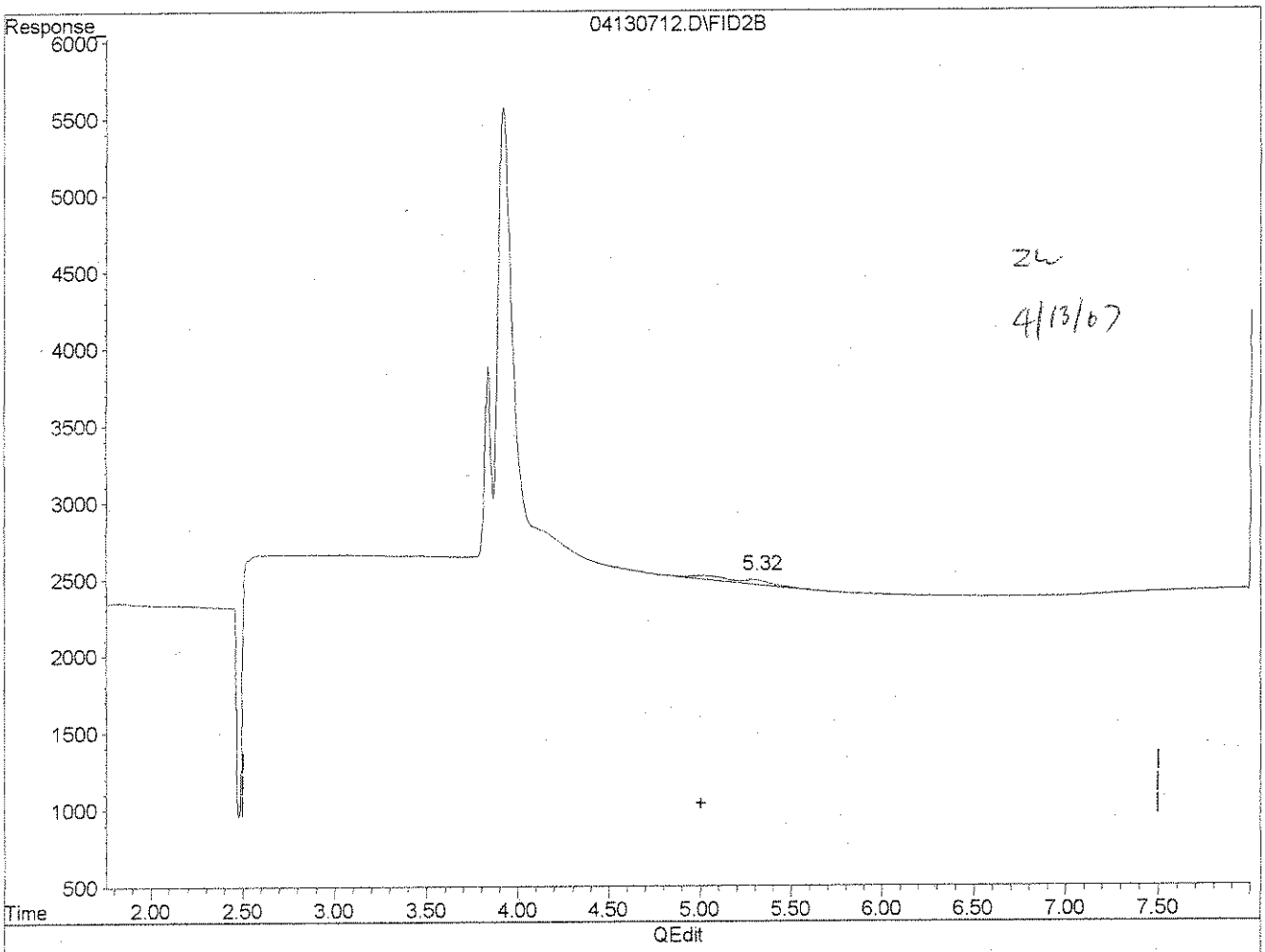
(+) = Expected Retention Time

04130712.D M102006.M Fri Apr 13 14:31:37 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130712.D Vial: 1
Acq On : 13 Apr 2007 11:13 Operator: ZW
Sample : 0814-018 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:32 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

5.32min 1.046ppmC m

response 6711

4/13/07

(+) = Expected Retention Time

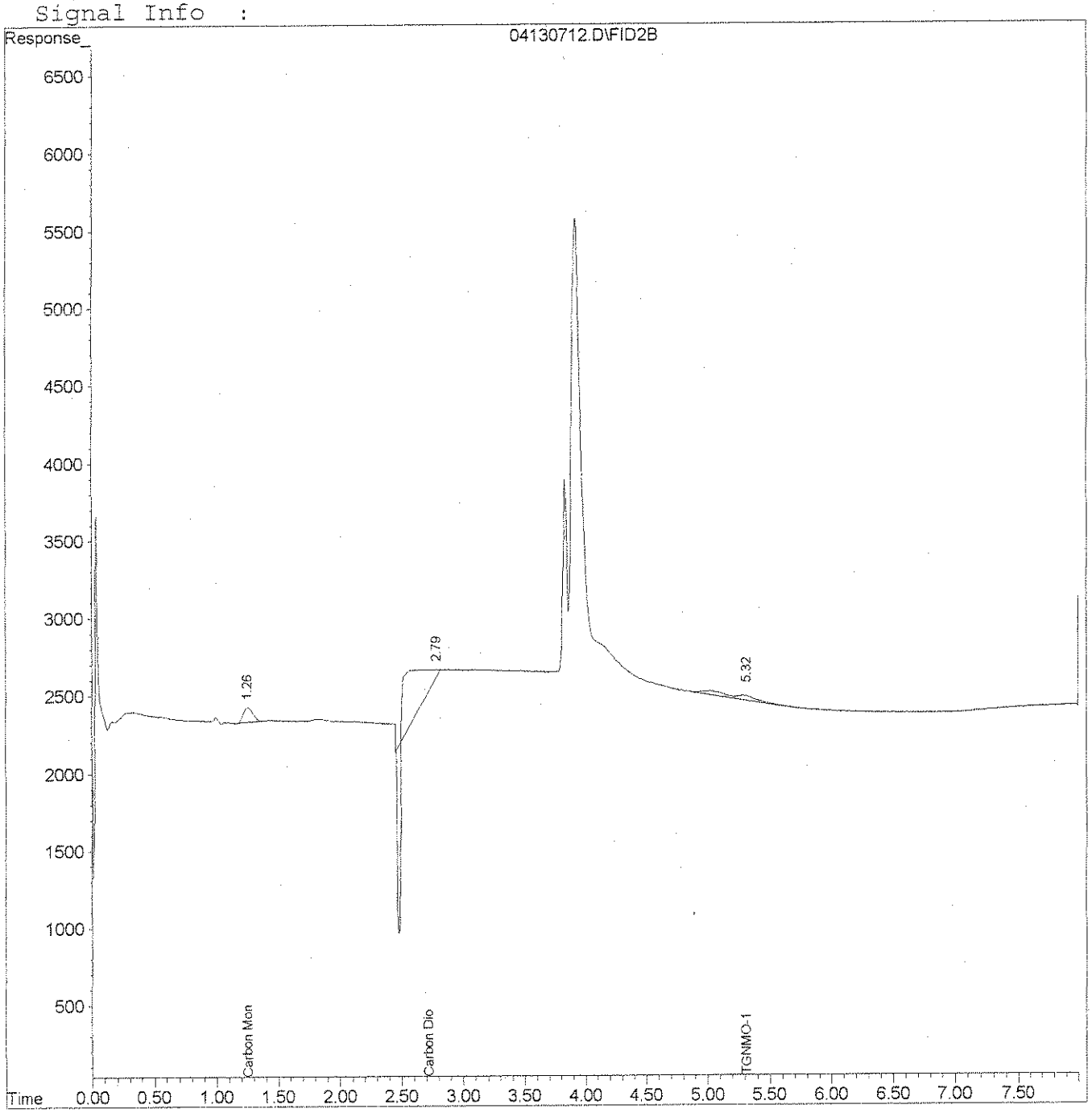
04130712.D M102006.M Fri Apr 13 14:31:45 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130712.D Vial: 1
Acq On : 13 Apr 2007 11:13 Operator: ZW
Sample : 0814-018 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:32 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130713.D Vial: 1
Acq On : 13 Apr 2007 11:26 Operator: ZW
Sample : 0814-019 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:32 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCO2.M

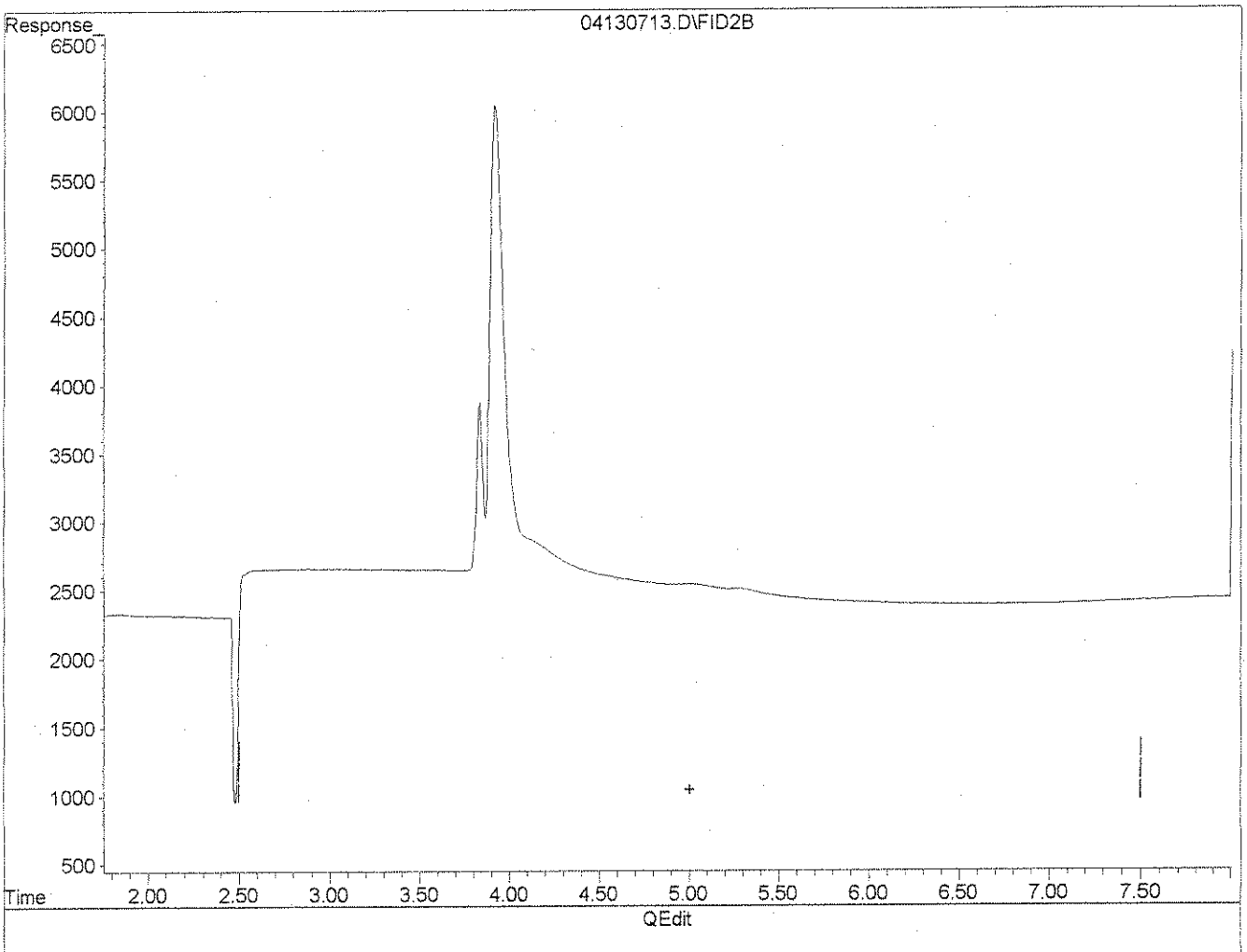
Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	1.26	5208	0.897	ppm
2)	Methane	0.00	0	N.D.	ppm
3)	Carbon Dioxide	2.73	112252	18.104	ppm
4)	TGNMO-1	5.03	6527	1.017	ppmC m
5)	TGMNO-2	0.00	0	N.D.	ppm

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130713.D Vial: 1
Acq On : 13 Apr 2007 11:26 Operator: ZW
Sample : 0814-019 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:32 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

5.01min 0.000ppmC

response 0

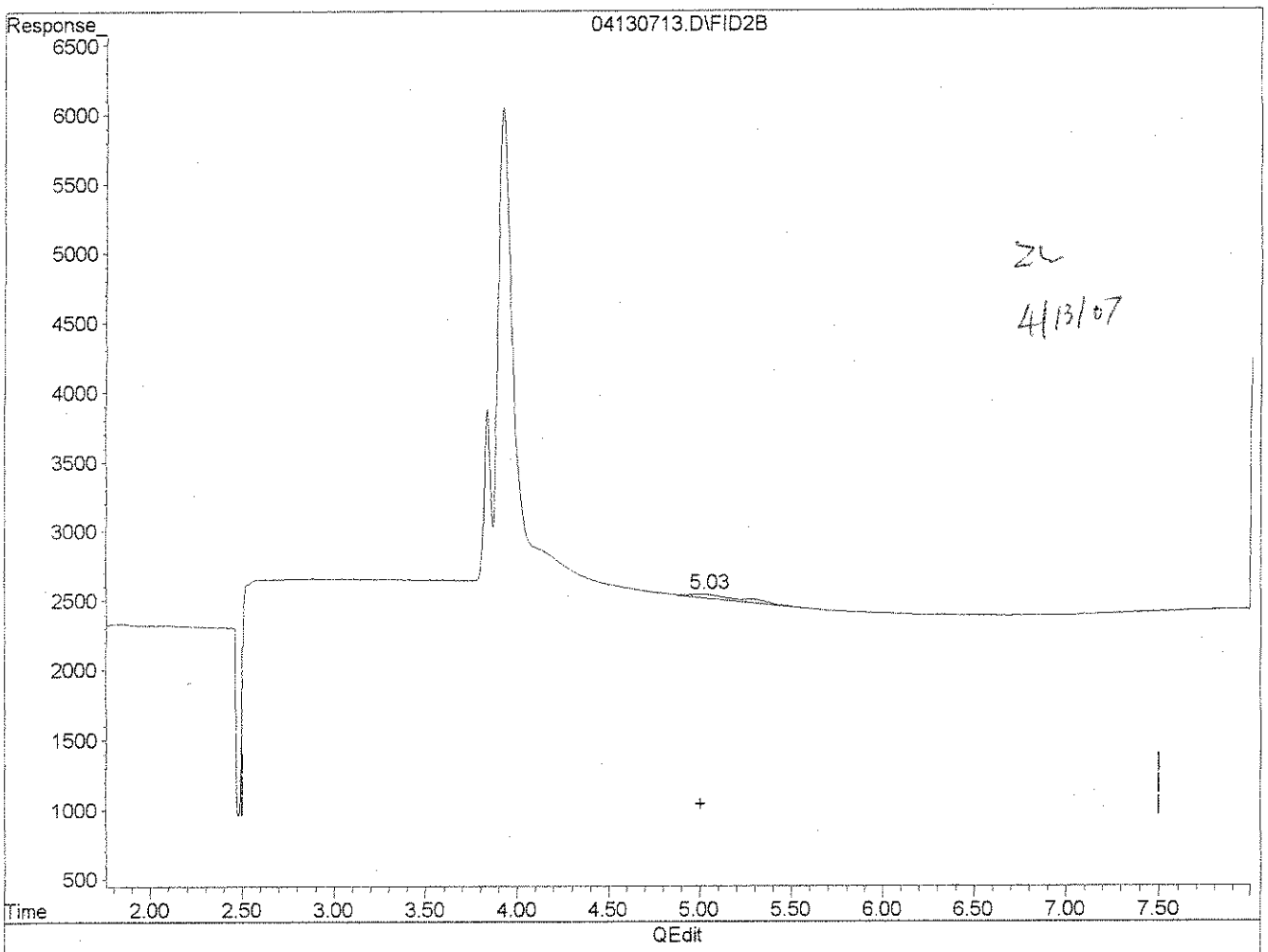
(+) = Expected Retention Time

04130713.D M102006.M Fri Apr 13 14:32:04 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130713.D Vial: 1
Acq On : 13 Apr 2007 11:26 Operator: ZW
Sample : 0814-019 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:32 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

5.03min 1.017ppmC m

response 6527

4/13/07

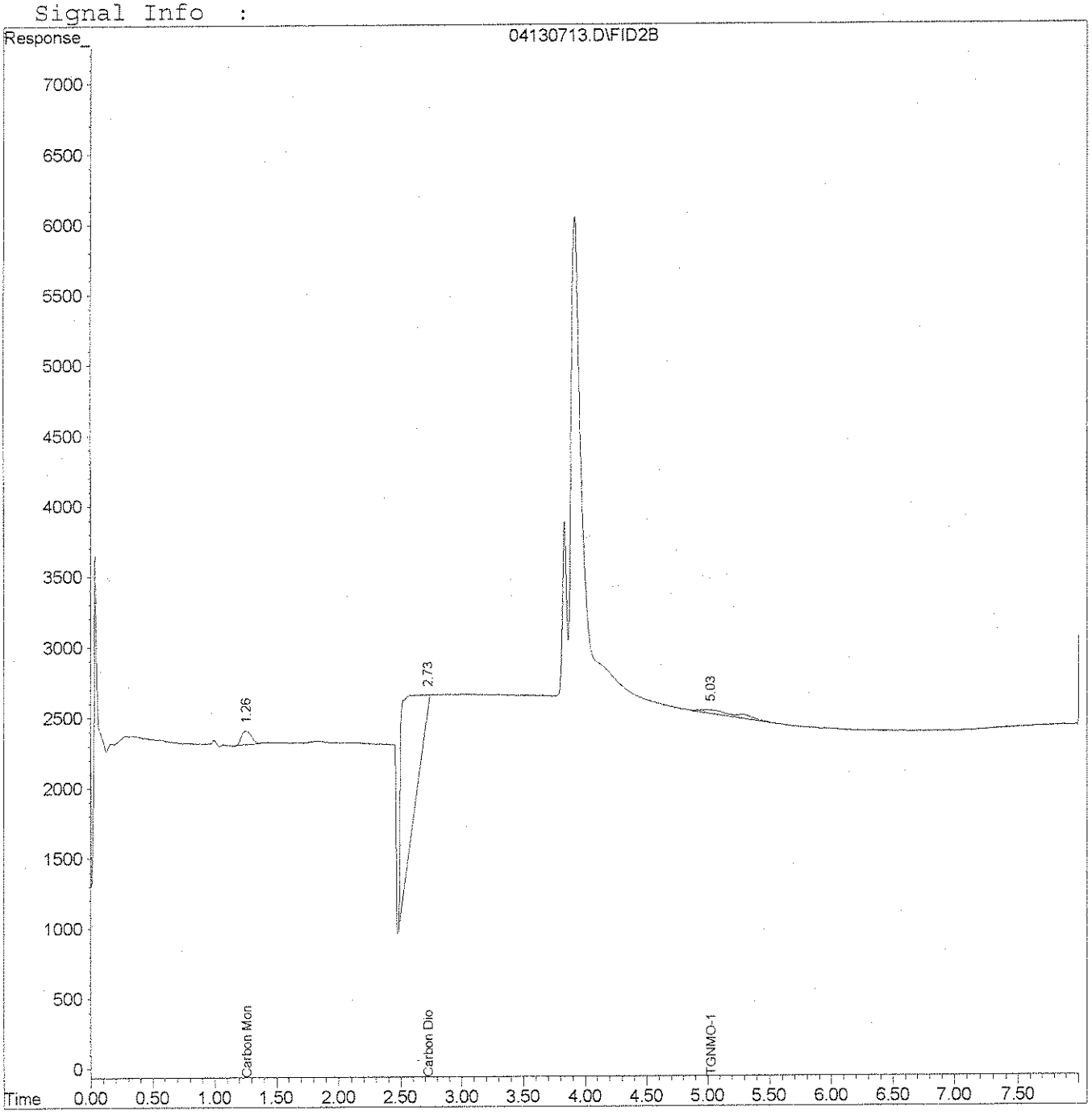
(+) = Expected Retention Time

04130713.D M102006.M Fri Apr 13 14:32:13 2007

Data File : J:\GC01\DATA\25C\2007_04\13\04130713.D Vial: 1
Acq On : 13 Apr 2007 11:26 Operator: ZW
Sample : 0814-019 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:32 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130714.D Vial: 1
Acq On : 13 Apr 2007 11:38 Operator: ZW
Sample : 0814-020 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:33 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :

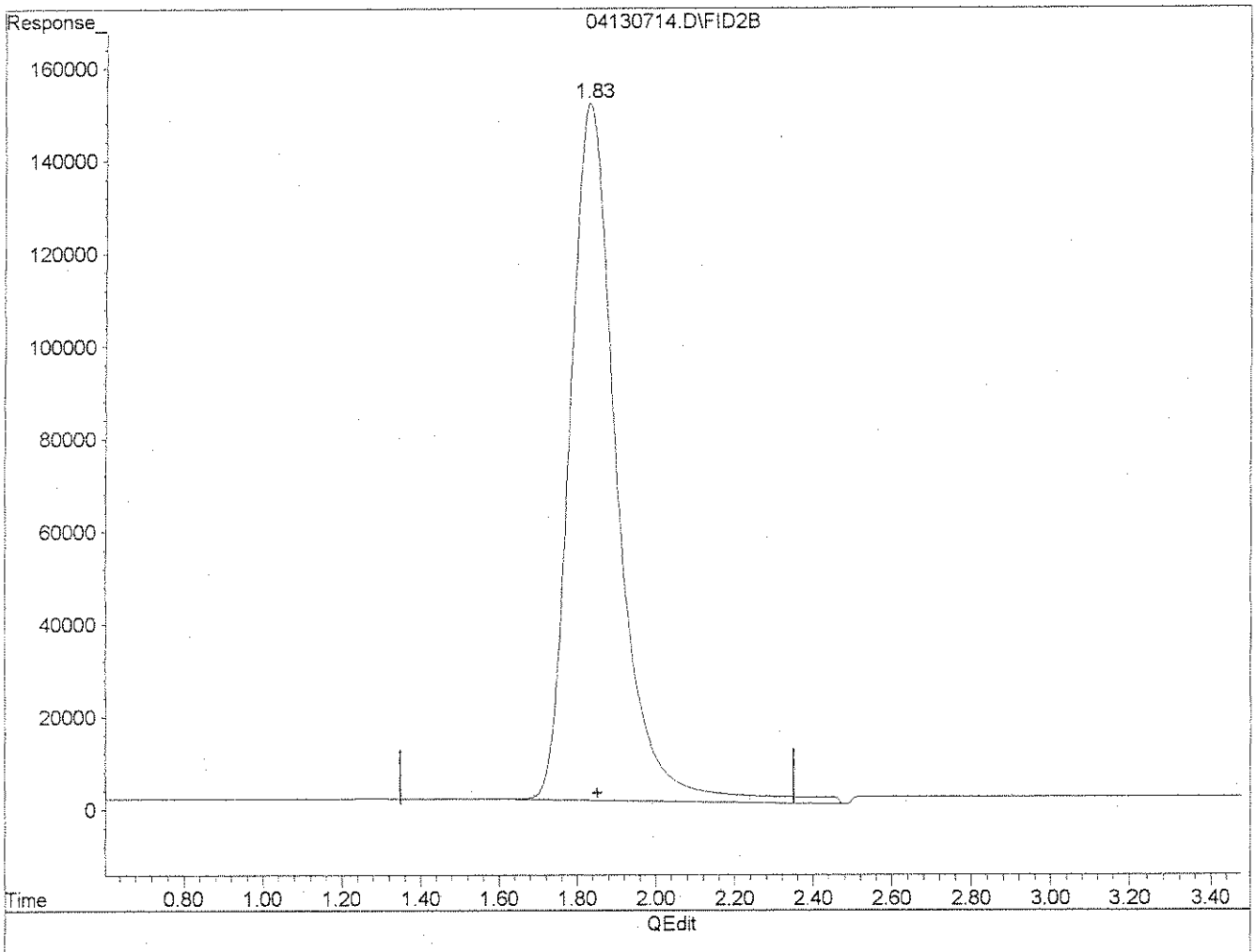
	Compound	R.T.	Response	Conc	Units	
	Target Compounds					
1)	Carbon Monoxide	1.27	9100	1.567	ppm	
2)	Methane	1.83	12140718	1928.725	ppm	m
3)	Carbon Dioxide	0.00	0	N.D.	ppm	
4)	TGNMO-1	5.24	17307	2.697	ppmC	m
5)	TGMNO-2	0.00	0	N.D.	ppm	

(f)=RT Delta > 1/2 Window (m)=manual int.
04130714.D M102006.M Fri Apr 13 14:32:55 2007 Page 1

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130714.D Vial: 1
Acq On : 13 Apr 2007 11:38 Operator: ZW
Sample : 0814-020 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 11:46 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



(2) Methane

1.83min 1984.753ppm

response 12493392

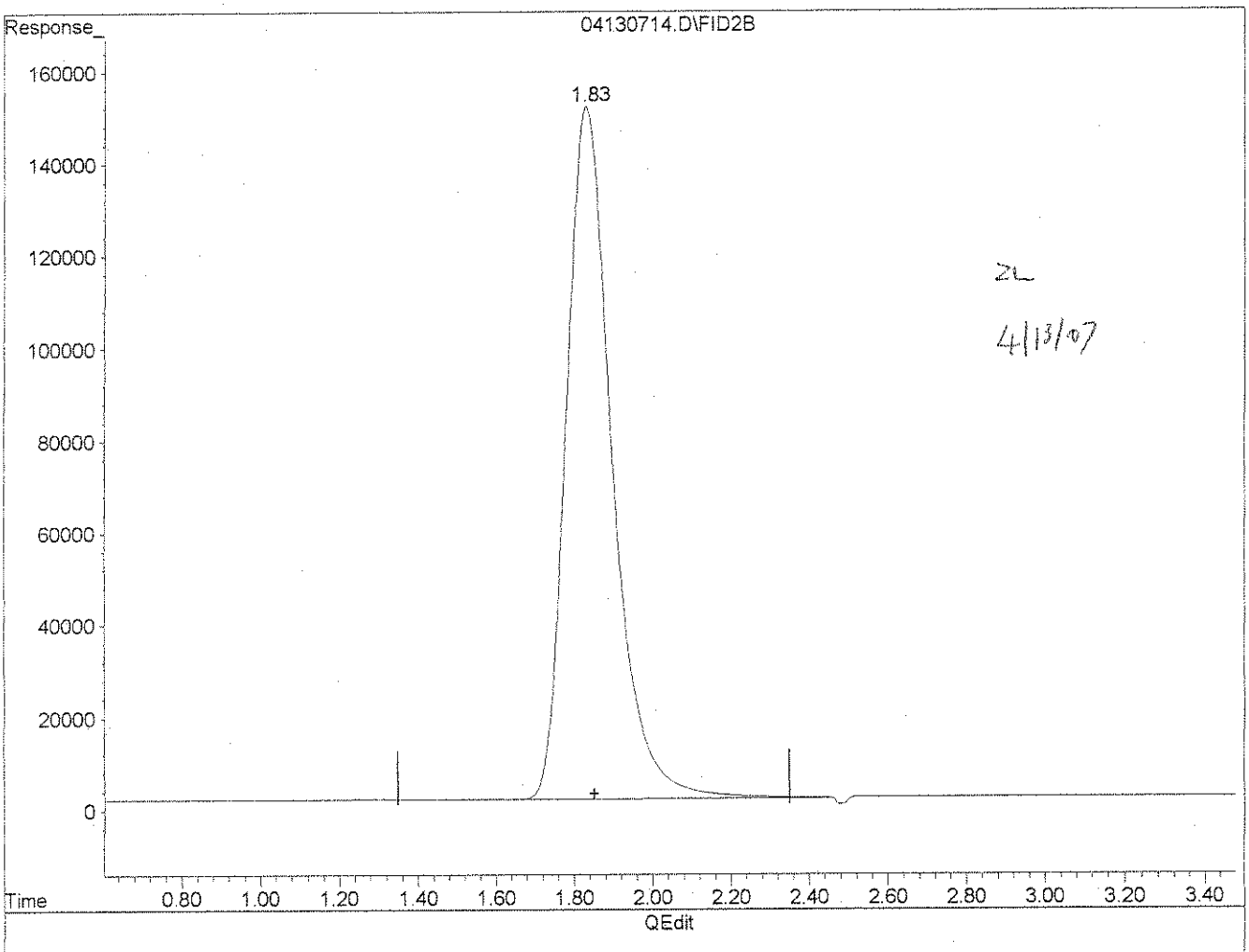
(+) = Expected Retention Time

04130714.D M102006.M Fri Apr 13 14:32:27 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130714.D Vial: 1
Acq On : 13 Apr 2007 11:38 Operator: ZW
Sample : 0814-020 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 11:46 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



ZL
4/13/07

(2) Methane

1.83min 1928.725ppm m

response 12140718

(+) = Expected Retention Time

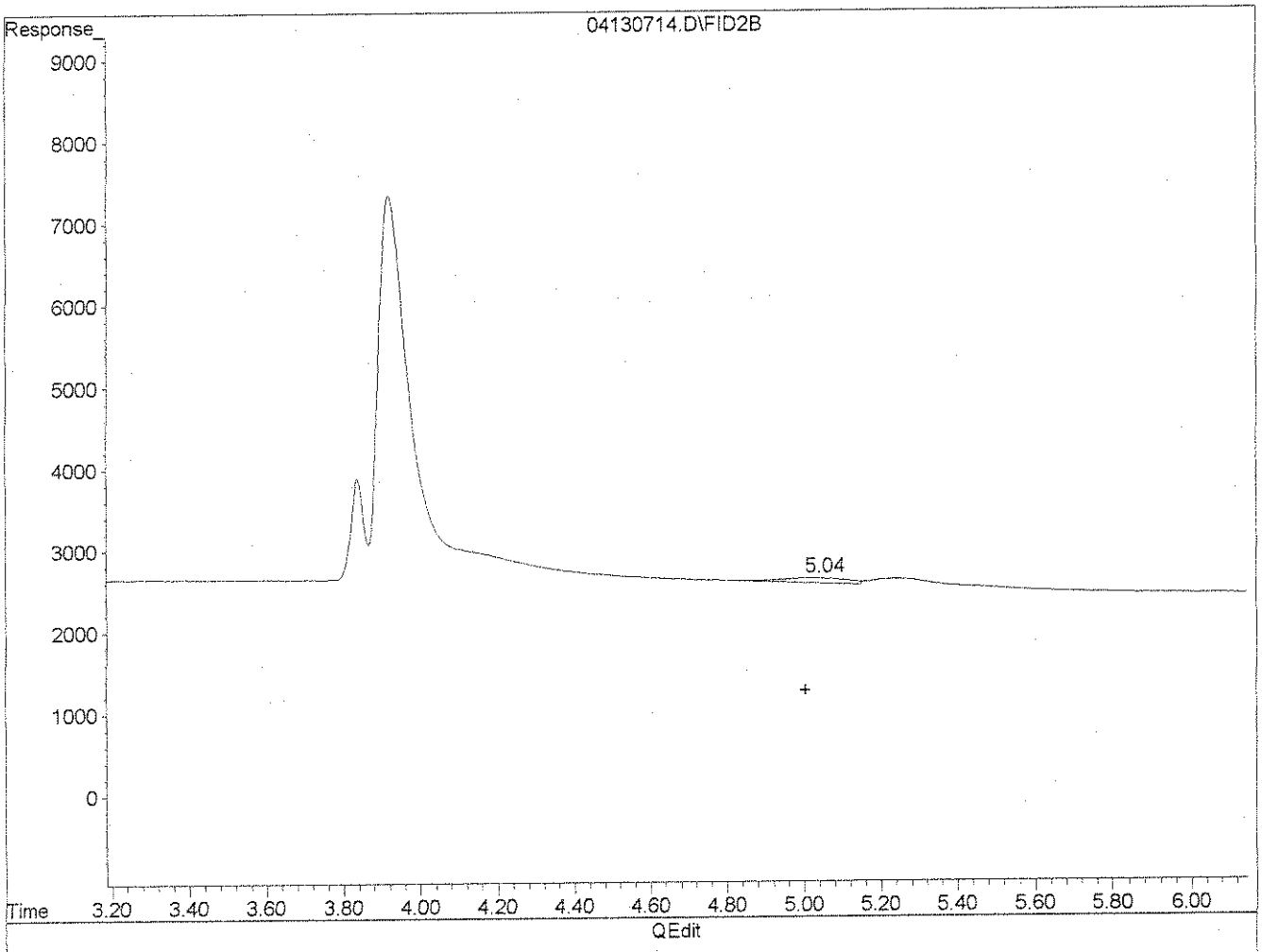
04130714.D M102006.M Fri Apr 13 14:32:37 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130714.D
Acq On : 13 Apr 2007 11:38
Sample : 0814-020 v
Misc :
IntFile : autoint1.e
Quant Time: Apr 13 11:46 2007 Quant Results File: M102006.RES

Vial: 1
Operator: ZW
Inst : GC 01
Multiplr: 1.00

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

5.03min 1.087ppmC

response 6973

(+) = Expected Retention Time

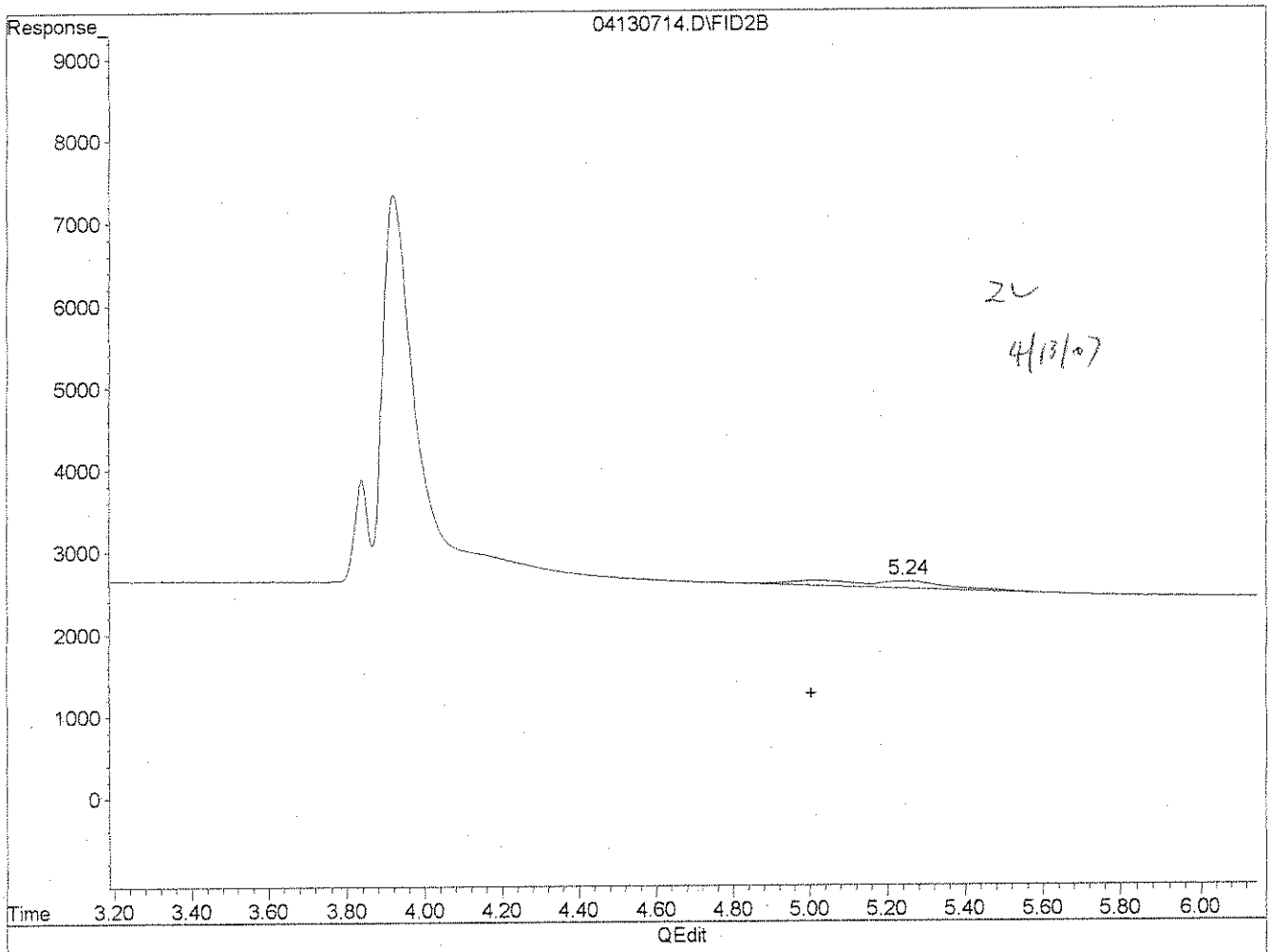
04130714.D M102006.M Fri Apr 13 14:32:42 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130714.D
Acq On : 13 Apr 2007 11:38
Sample : 0814-020 v
Misc :
IntFile : autoint1.e
Quant Time: Apr 13 11:46 2007 Quant Results File: M102006.RES

Vial: 1
Operator: ZW
Inst : GC 01
Multiplr: 1.00

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

5.24min 2.697ppmC m

response 17307

(+) = Expected Retention Time

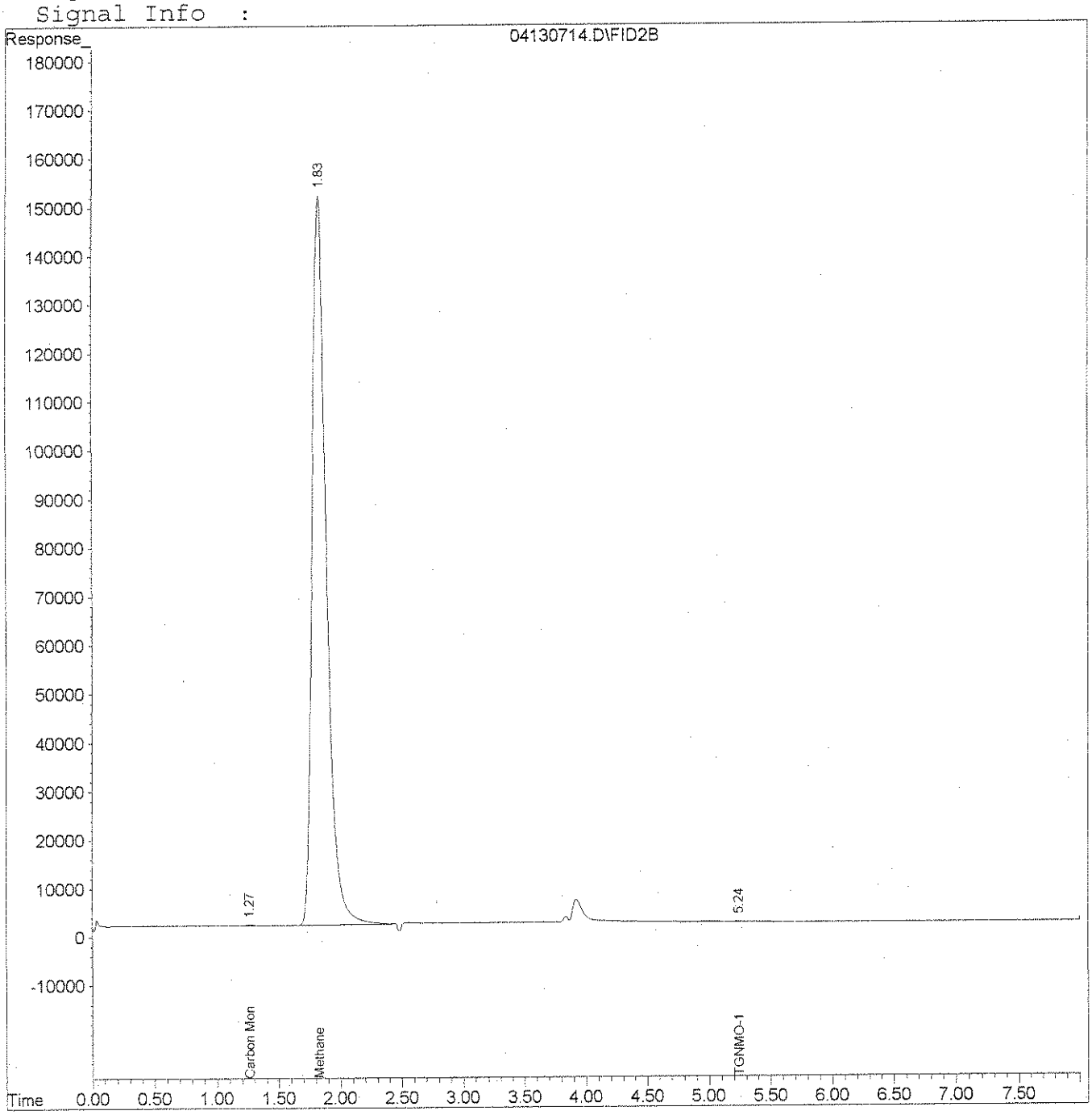
04130714.D M102006.M Fri Apr 13 14:32:50 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130714.D Vial: 1
Acq On : 13 Apr 2007 11:38 Operator: ZW
Sample : 0814-020 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:33 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130717.D Vial: 1
Acq On : 13 Apr 2007 12:16 Operator: ZW
Sample : STD 100ppm S14-12280601 Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:34 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :

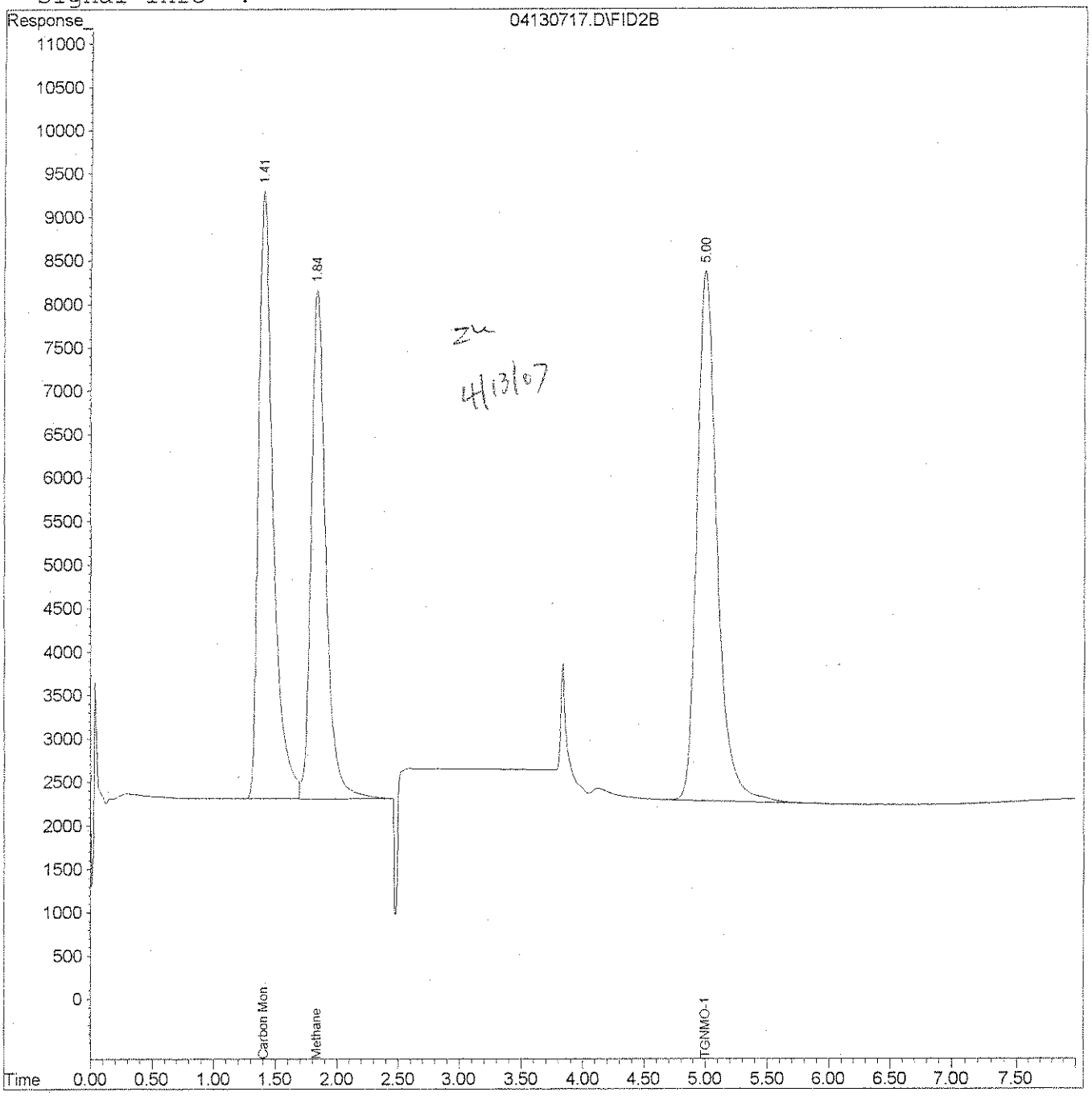
	Compound	R.T.	Response	Conc	Units	
	Target Compounds					
1)	Carbon Monoxide	1.41	565347	97.334	ppm	m
2)	Methane	1.84	488138	77.548	ppm	m
3)	Carbon Dioxide	0.00	0	N.D.	ppm	
4)	TGNMO-1	5.00	690912	107.667	ppmC	
5)	TGMNO-2	0.00	0	N.D.	ppm	

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130717.D Vial: 1
Acq On : 13 Apr 2007 12:16 Operator: ZW
Sample : STD 100ppm S14-12280601 Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:34 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130718.D Vial: 1
Acq On : 13 Apr 2007 12:50 Operator: ZW
Sample : 0814-025 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:34 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCO2.M

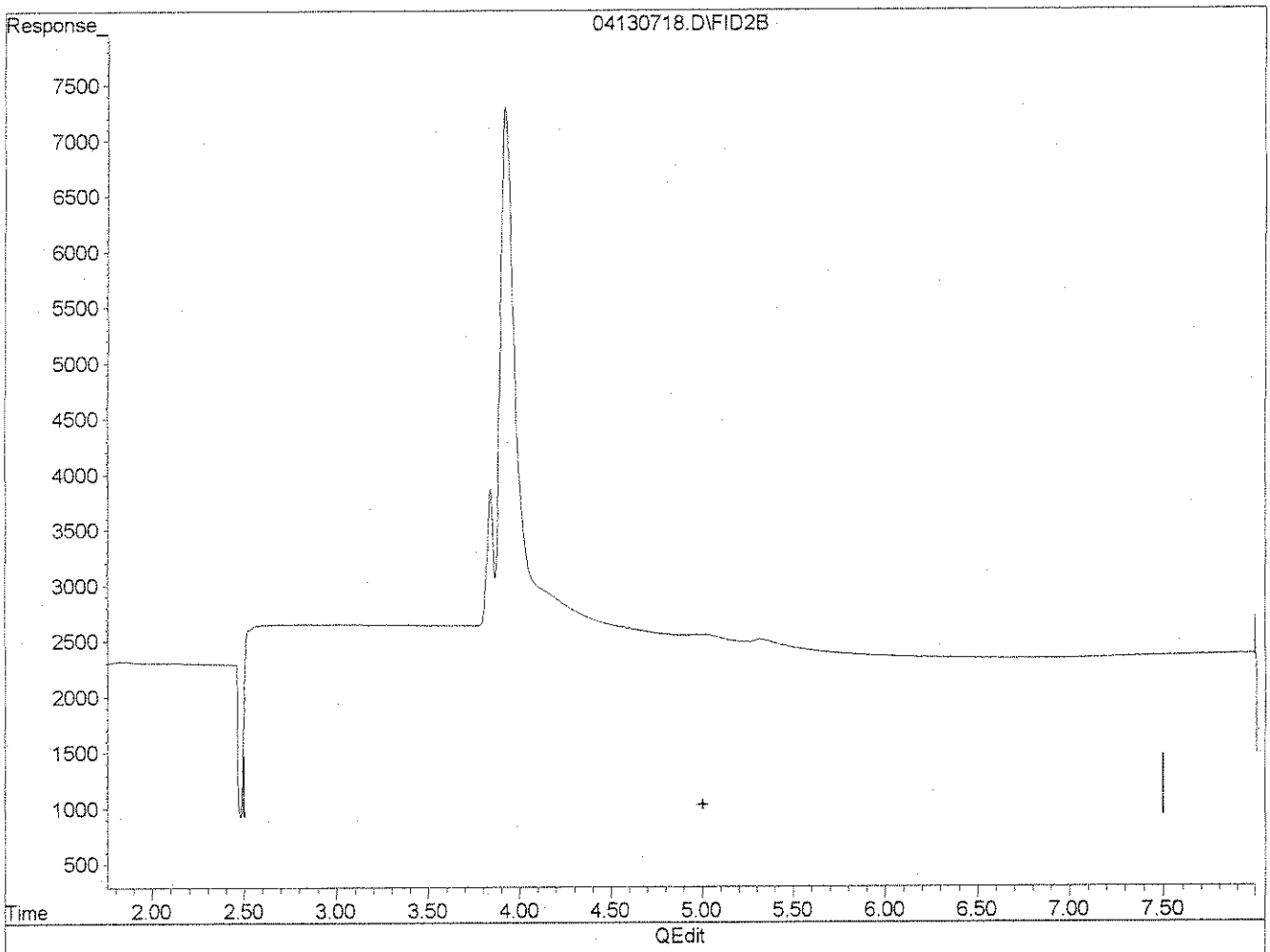
Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	1.28	7737	1.332	ppm
2)	Methane	0.00	0	N.D.	ppm
3)	Carbon Dioxide	2.80	10829	1.747	ppm
4)	TGNMO-1	5.34	9578	1.493	ppmC m
5)	TGMNO-2	0.00	0	N.D.	ppm

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130718.D Vial: 1
Acq On : 13 Apr 2007 12:50 Operator: ZW
Sample : 0814-025 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 13:02 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

5.01min 0.000ppmC

response 0

(+) = Expected Retention Time

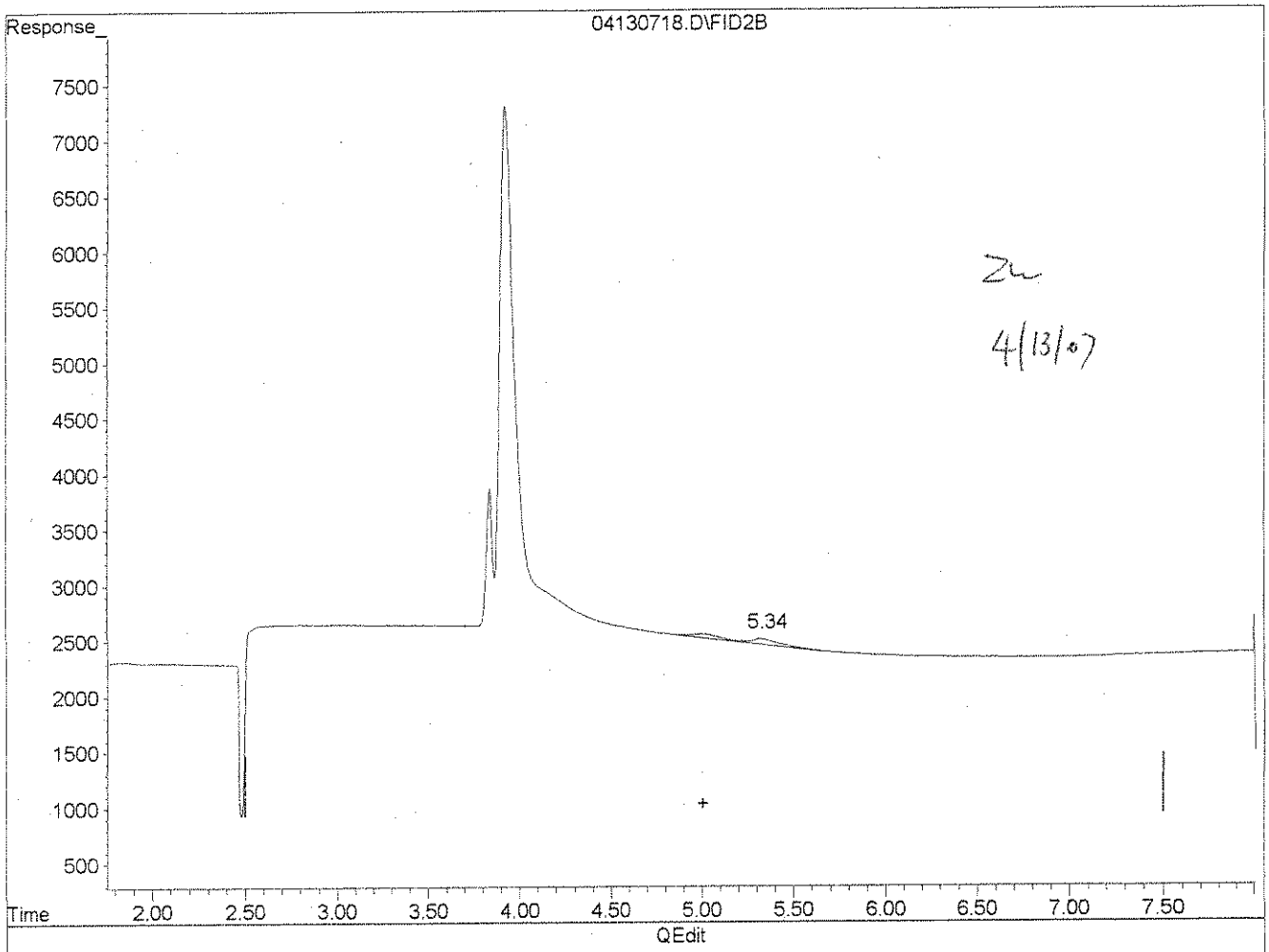
04130718.D M102006.M Fri Apr 13 14:33:47 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130718.D
Acq On : 13 Apr 2007 12:50
Sample : 0814-025 v
Misc :
IntFile : autoint1.e
Quant Time: Apr 13 13:02 2007 Quant Results File: M102006.RES

Vial: 1
Operator: ZW
Inst : GC 01
Multiplr: 1.00

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

5.34min 1.493ppmC m

response 9578

4/13/07

(+) = Expected Retention Time

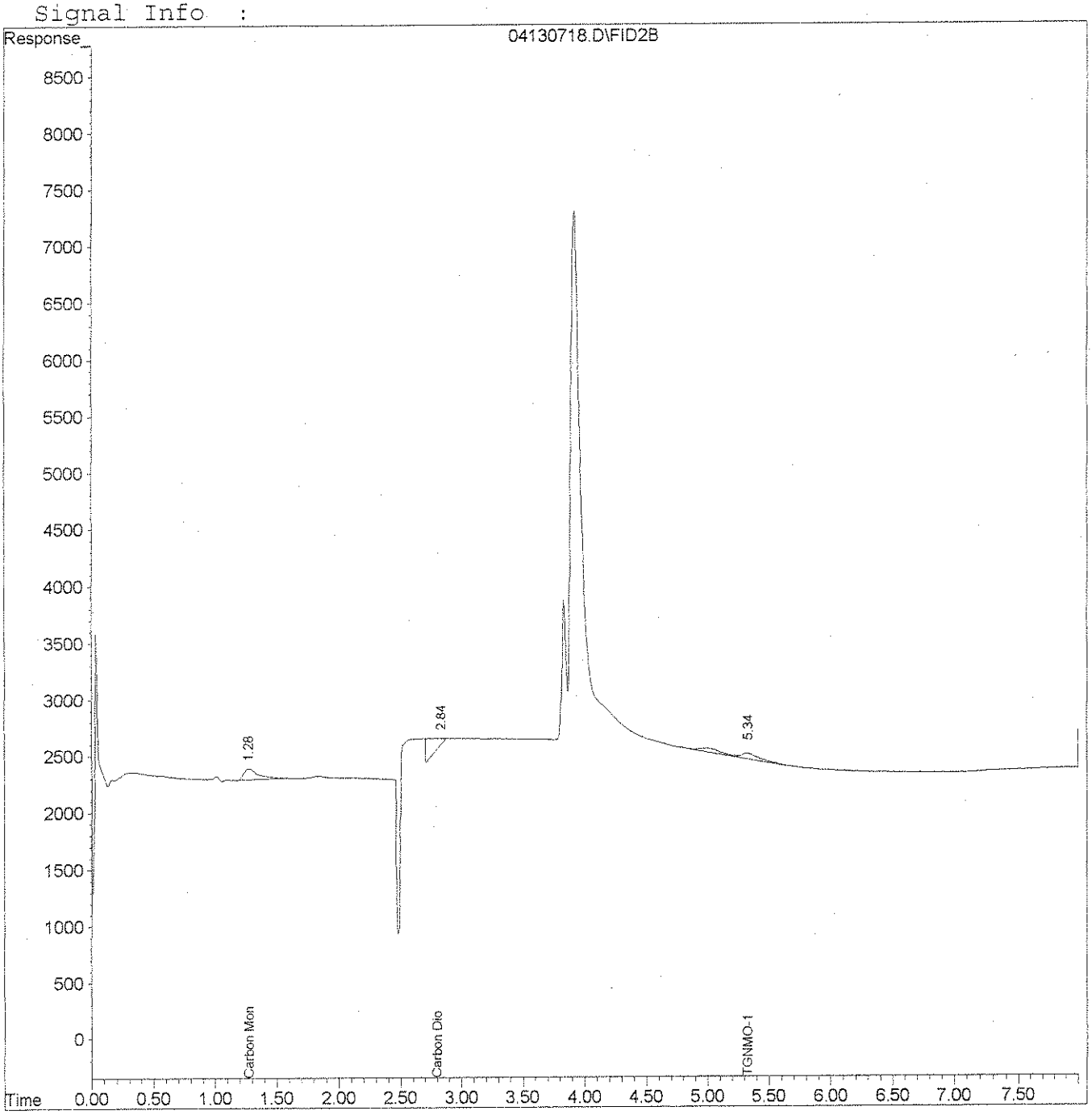
04130718.D M102006.M Fri Apr 13 14:33:58 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130718.D Vial: 1
Acq On : 13 Apr 2007 12:50 Operator: ZW
Sample : 0814-025 v Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:34 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCO2.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130720.D Vial: 1
Acq On : 13 Apr 2007 13:17 Operator: ZW
Sample : 0814-022 vv Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:35 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCH4.M

Volume Inj. :
Signal Phase :
Signal Info :

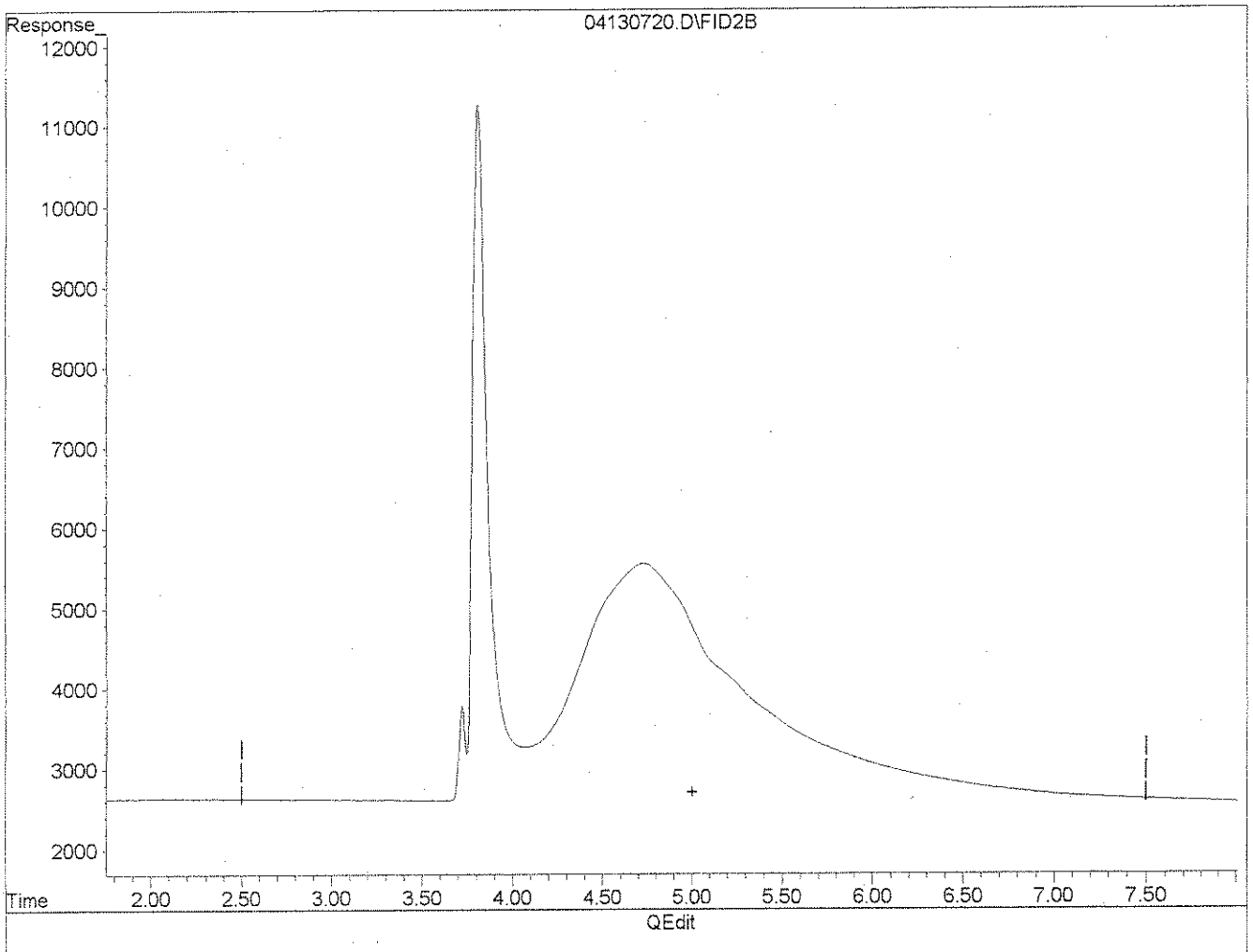
	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	1.27	8082	1.391	ppm
2)	Methane	1.90	25600	4.067	ppm
3)	Carbon Dioxide	0.00	0	N.D.	ppm
4)	TGNMO-1	4.73	1285510	200.325	ppmC m
5)	TGMNO-2	0.00	0	N.D.	ppm

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130720.D
Acq On : 13 Apr 2007 13:17
Sample : 0814-022 vv
Misc :
IntFile : autoint1.e
Quant Time: Apr 13 14:35 2007 Quant Results File: M102006.RES

Vial: 1
Operator: ZW
Inst : GC 01
Multiplr: 1.00

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

5.01min 0.000ppmC

response 0

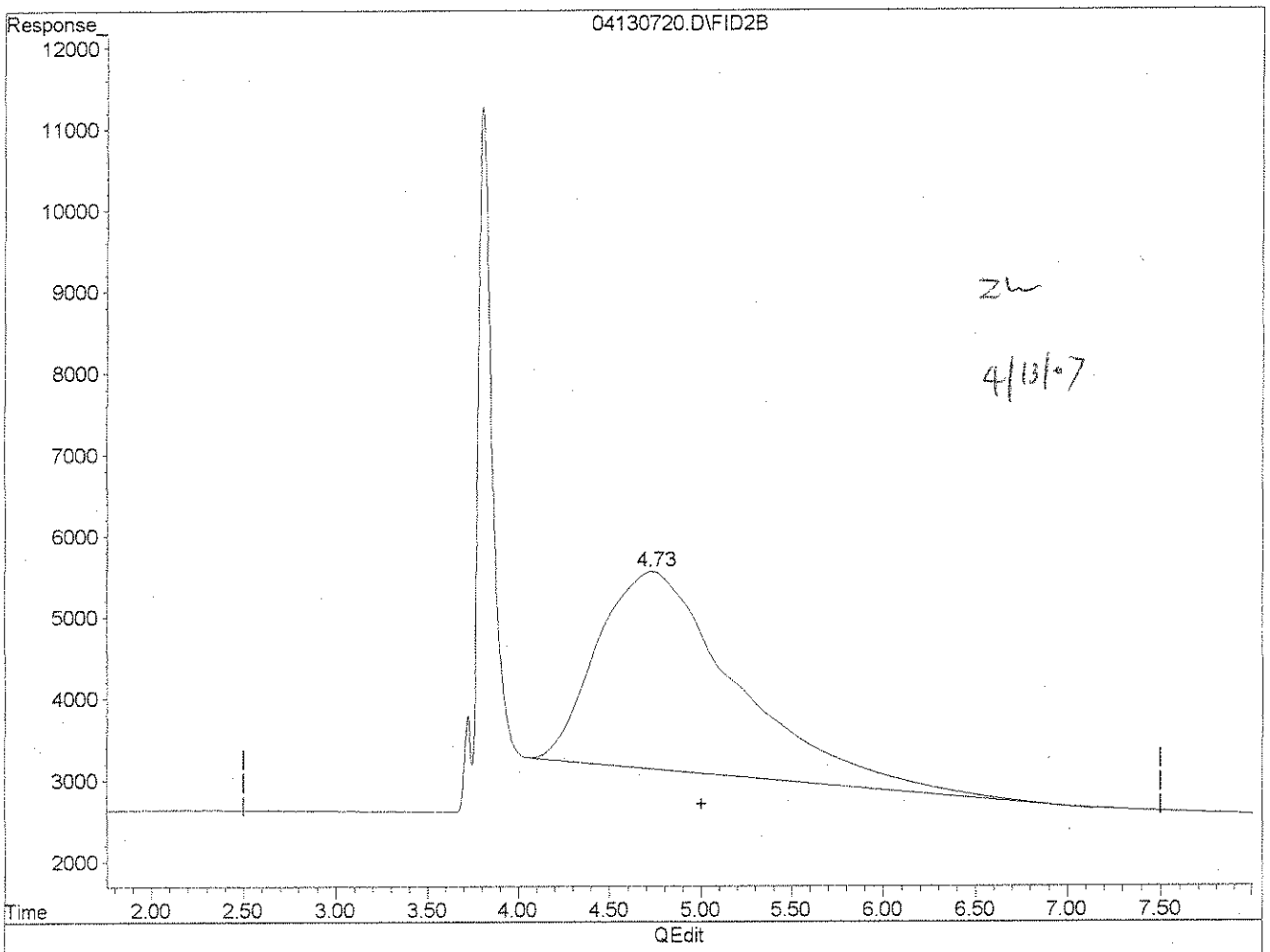
(+) = Expected Retention Time

04130720.D M102006.M Fri Apr 13 14:34:43 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130720.D Vial: 1
Acq On : 13 Apr 2007 13:17 Operator: ZW
Sample : 0814-022 vv Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:35 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:11 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

4.73min 200.325ppmC m

response 1285510

4/13/07

(+) = Expected Retention Time

04130720.D M102006.M Fri Apr 13 14:34:51 2007

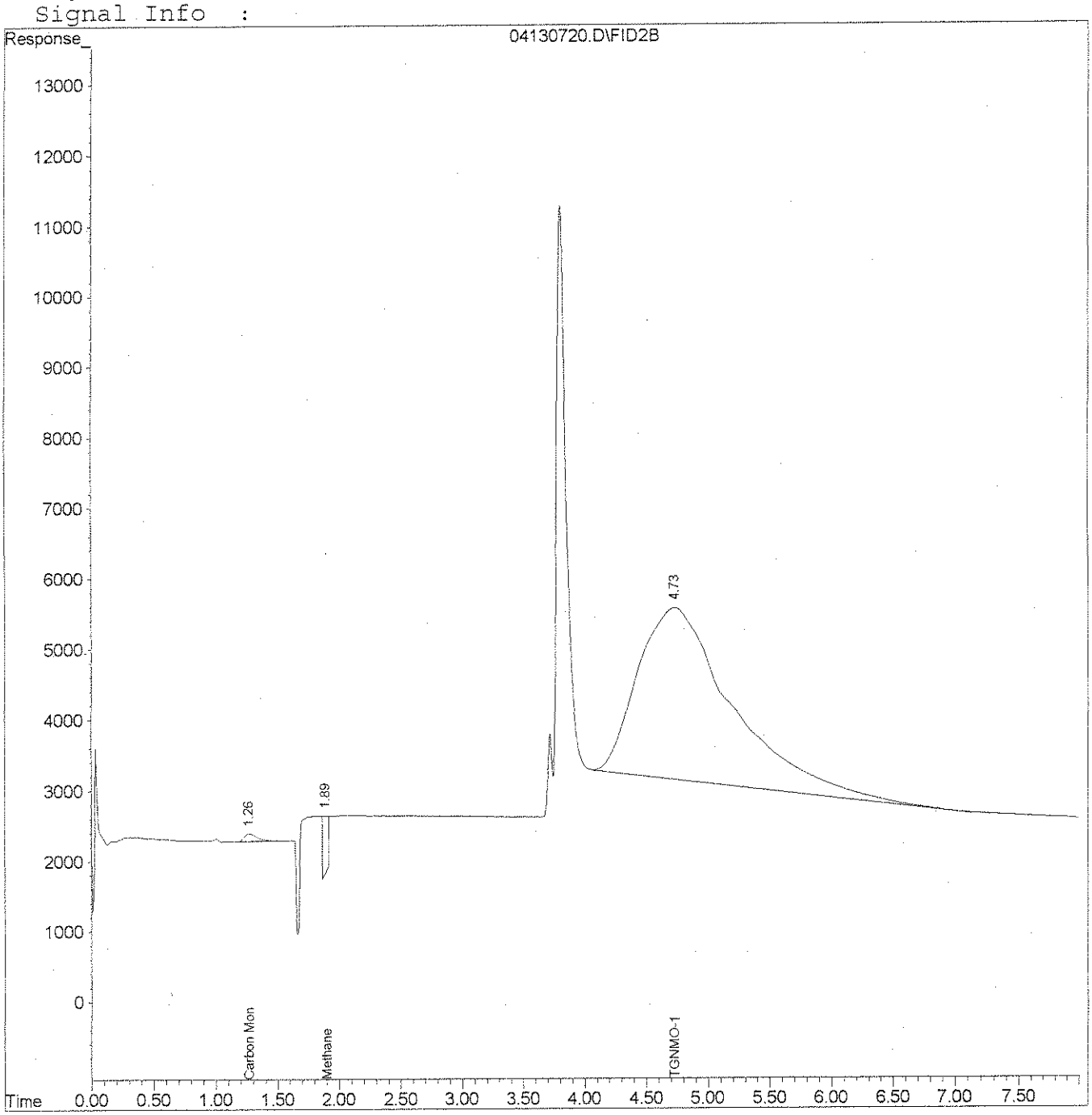
Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130720.D
Acq On : 13 Apr 2007 13:17
Sample : 0814-022 vv
Misc :
IntFile : autoint1.e
Quant Time: Apr 13 14:35 2007 Quant Results File: M102006.RES

Vial: 1
Operator: ZW
Inst : GC 01
Multiplr: 1.00

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCH4.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130721.D Vial: 1
Acq On : 13 Apr 2007 13:29 Operator: ZW
Sample : 0814-023 vv Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:36 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCH4.M

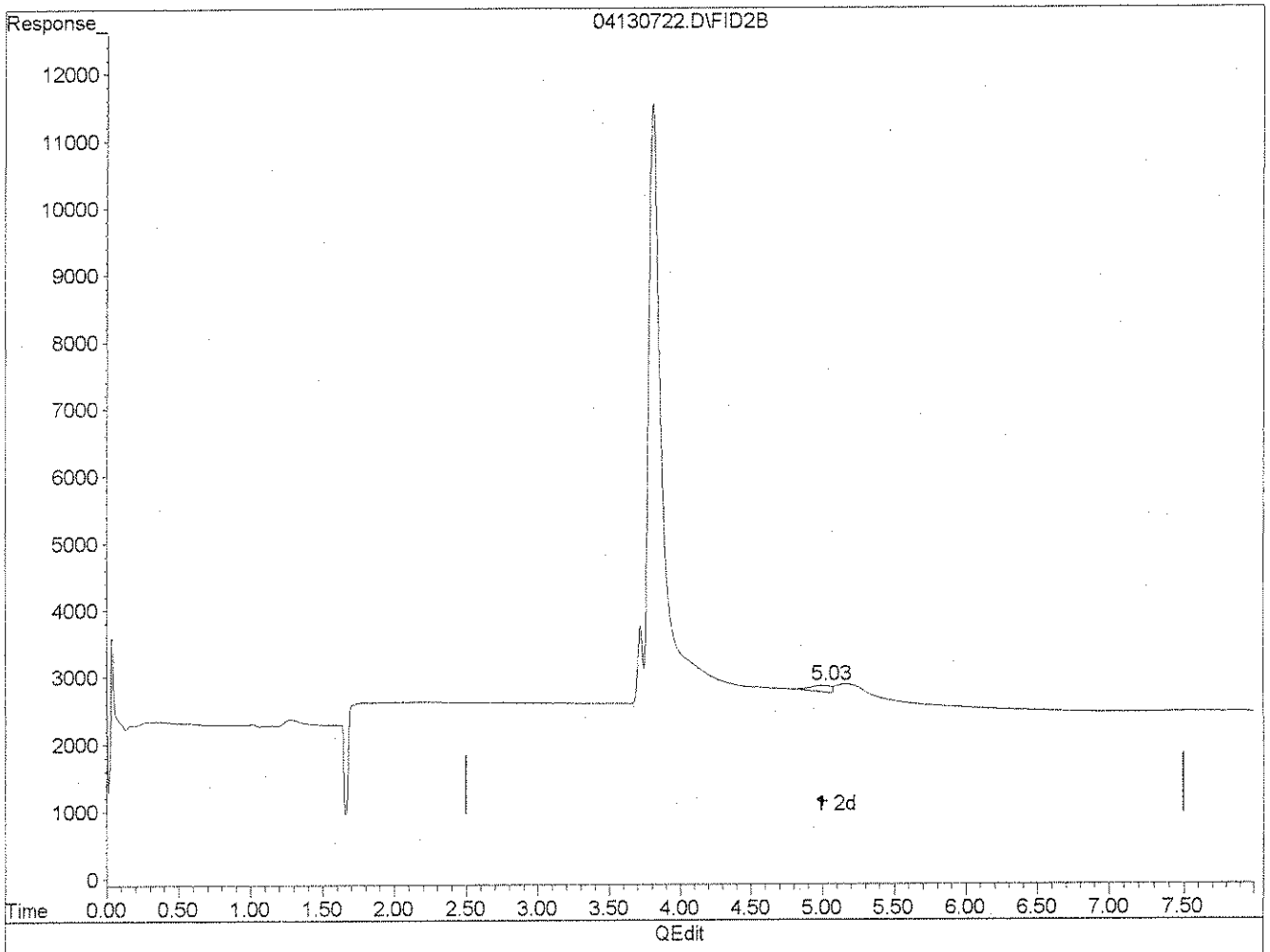
Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	1.28	8067	1.389	ppm
2)	Methane	1.85	32700	5.195	ppm
3)	Carbon Dioxide	0.00	0	N.D.	ppm
4)	TGNMO-1	5.17	42995	6.700	ppmC m
5)	TGMNO-2	0.00	0	N.D.	ppm

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130722.D Vial: 1
Acq On : 13 Apr 2007 13:46 Operator: ZW
Sample : 0814-023dup vv Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 13:57 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

4.99min 1.481ppmC

response 9504

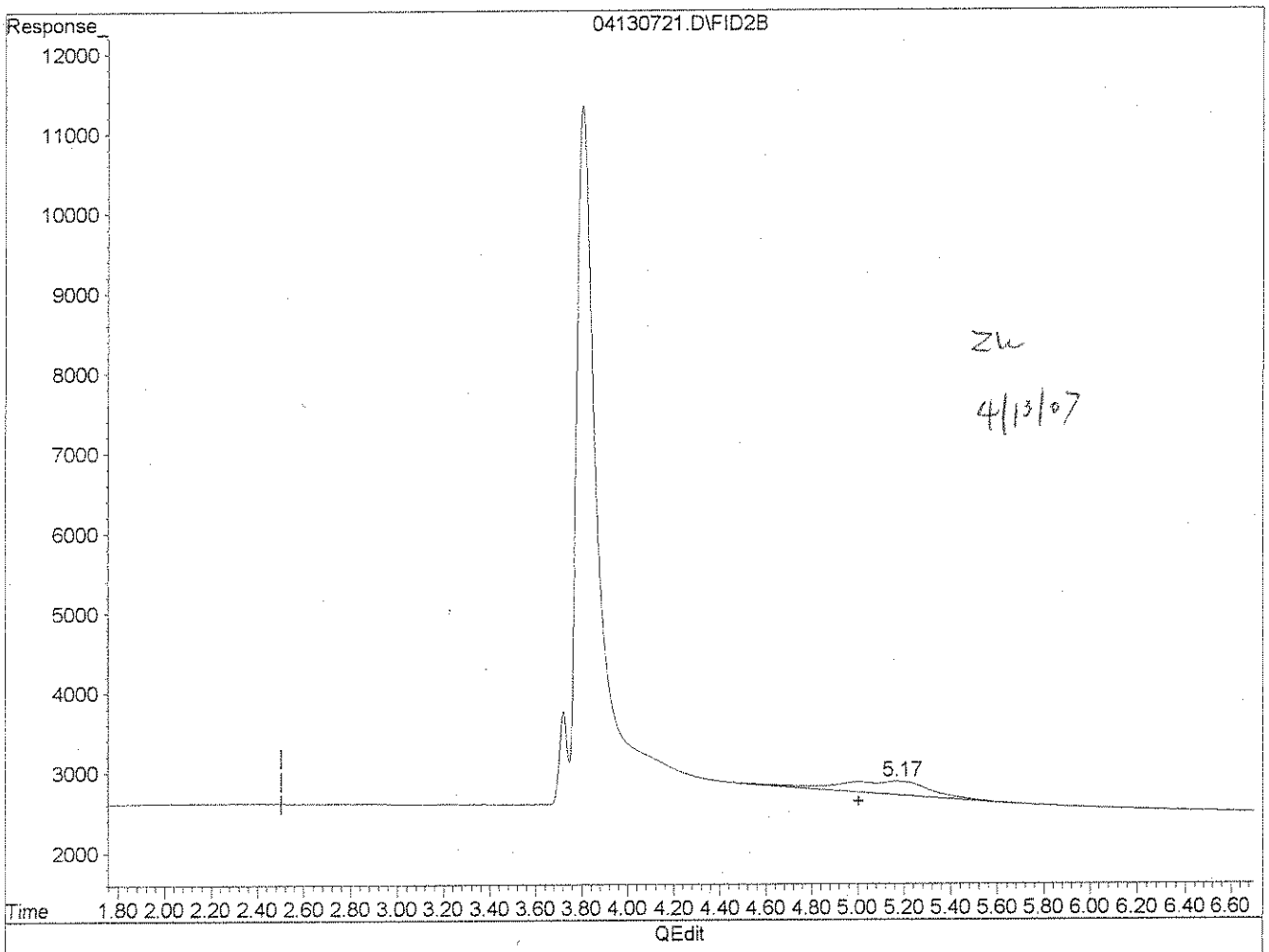
(+) = Expected Retention Time

04130722.D M102006.M Fri Apr 13 14:35:35 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130721.D Vial: 1
Acq On : 13 Apr 2007 13:29 Operator: ZW
Sample : 0814-023 vv Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:35 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

5.17min 6.700ppmC m

response 42995

4/13/07

(+) = Expected Retention Time

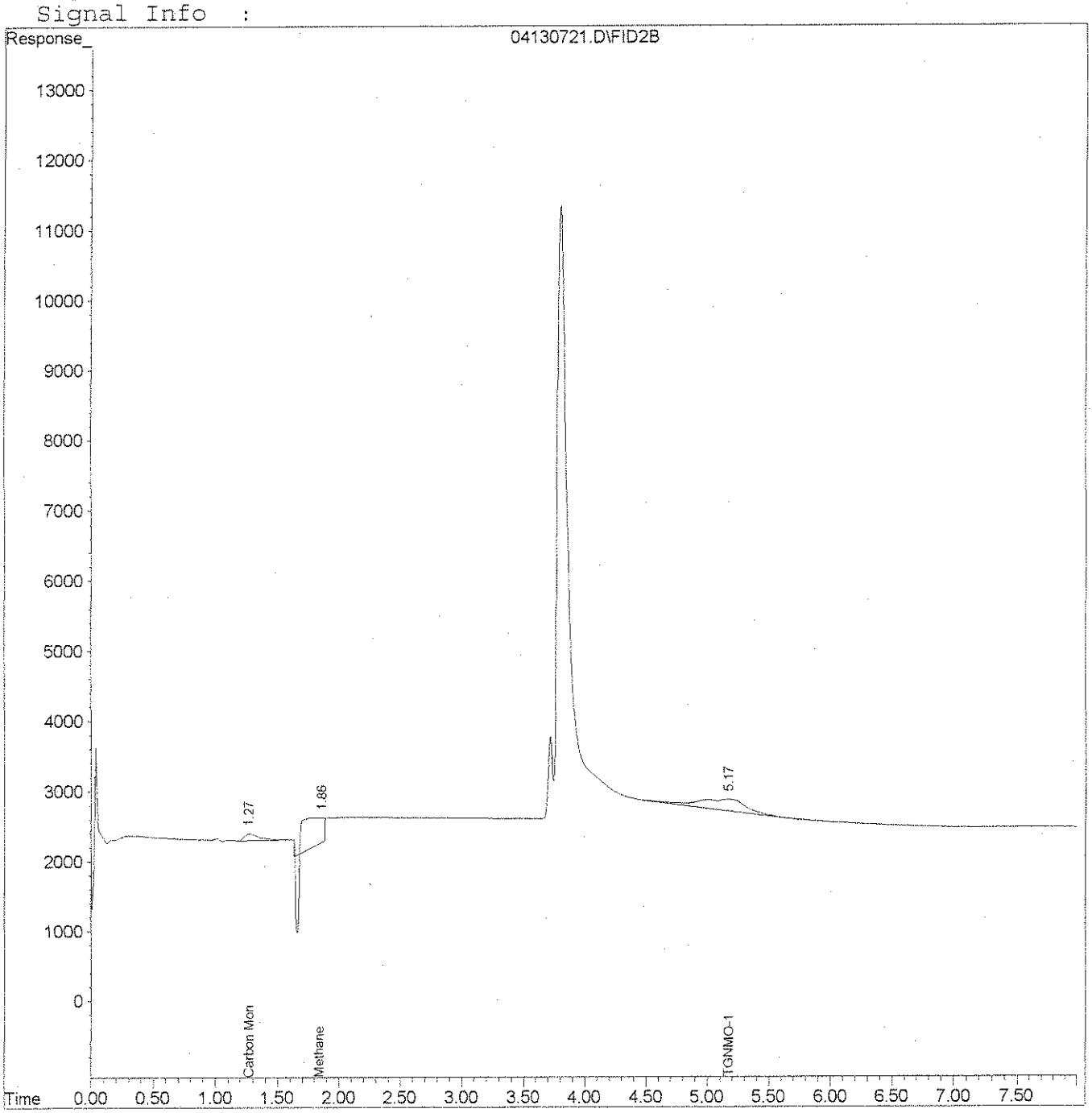
04130721.D M102006.M Fri Apr 13 14:36:21 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130721.D Vial: 1
Acq On : 13 Apr 2007 13:29 Operator: ZW
Sample : 0814-023 vv Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:36 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCH4.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130722.D Vial: 1
Acq On : 13 Apr 2007 13:46 Operator: ZW
Sample : 0814-023dup vv Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:37 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FX25VCH4.M

Volume Inj. :
Signal Phase :
Signal Info :

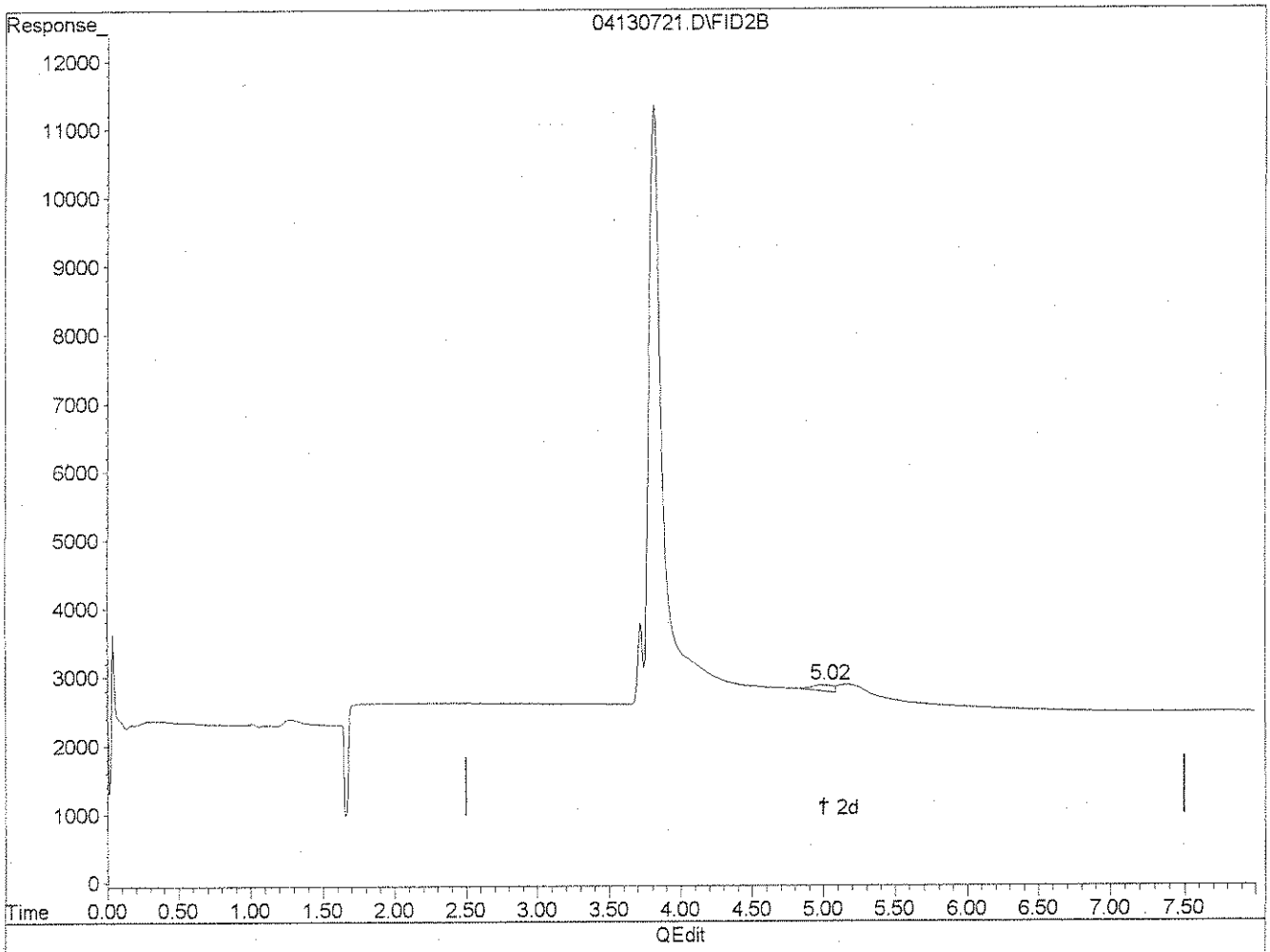
	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	1.28	8471	1.458	ppm
2)	Methane	1.83	34912	5.546	ppm
3)	Carbon Dioxide	0.00	0	N.D.	ppm
4)	TGNMO-1	5.16	44812	6.983	ppmC m
5)	TGMNO-2	0.00	0	N.D.	ppm

(f)=RT Delta > 1/2 Window (m)=manual int.
04130722.D M102006.M Fri Apr 13 14:36:59 2007 Page 1

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130721.D Vial: 1
Acq On : 13 Apr 2007 13:29 Operator: ZW
Sample : 0814-023 vv Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 13:56 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



(4) TGNMO-1

5.00min 1.413ppmC

response 9066

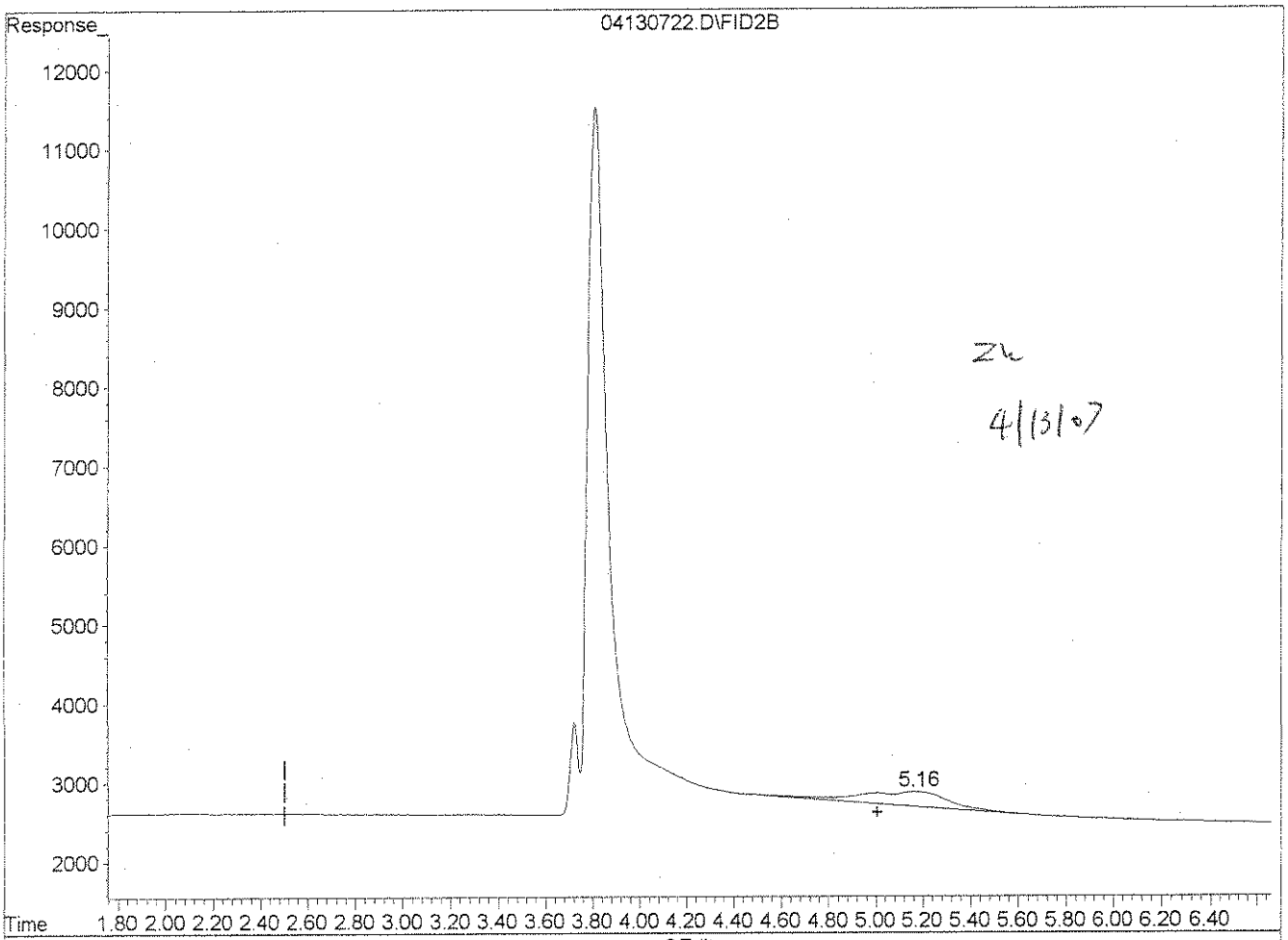
(+) = Expected Retention Time

04130721.D M102006.M Fri Apr 13 14:35:11 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130722.D Vial: 1
Acq On : 13 Apr 2007 13:46 Operator: ZW
Sample : 0814-023dup vv Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:36 2007 Quant Results File: M102006.RES

Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration



ZW
4/13/07

(4) TGNMO-1

5.16min 6.983ppmC m

response 44812

4/13/07

(+) = Expected Retention Time

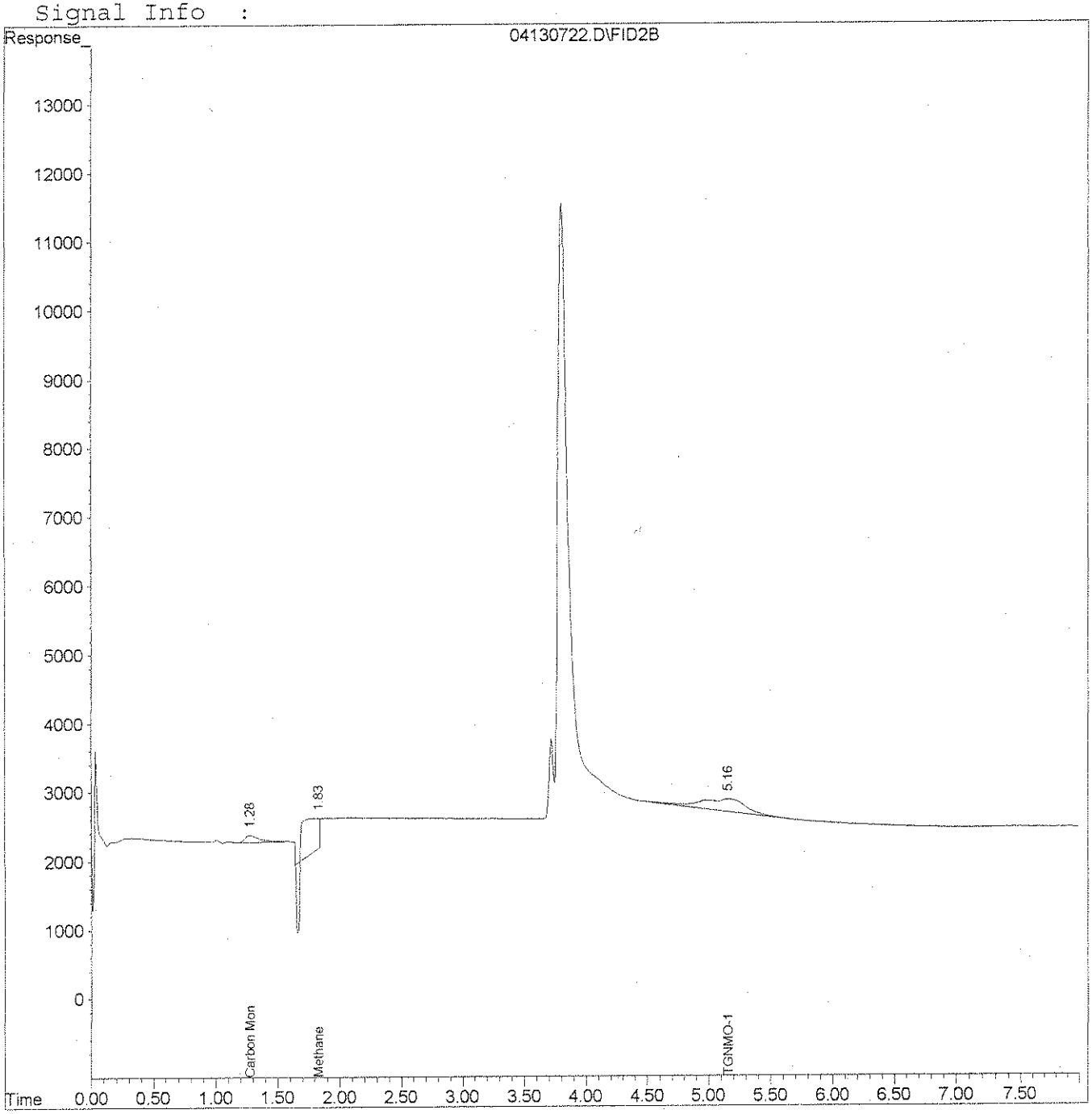
04130722.D M102006.M Fri Apr 13 14:36:55 2007

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130722.D Vial: 1
Acq On : 13 Apr 2007 13:46 Operator: ZW
Sample : 0814-023dup vv Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:37 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FX25VCH4.M

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (QT Reviewed)

Data File : J:\GC01\DATA\25C\2007_04\13\04130724.D Vial: 1
Acq On : 13 Apr 2007 14:11 Operator: ZW
Sample : STD 100ppm S14-12150601 Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:19 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Initial Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Carbon Monoxide	1.41	546754	94.133	ppm
2)	Methane	1.84	473685	75.252	ppm
3)	Carbon Dioxide	3.07	642513	103.625	ppm
4)	TGNMO-1	4.85	673211	104.909	ppmC
5)	TGMNO-2	0.00	0	N.D.	ppm

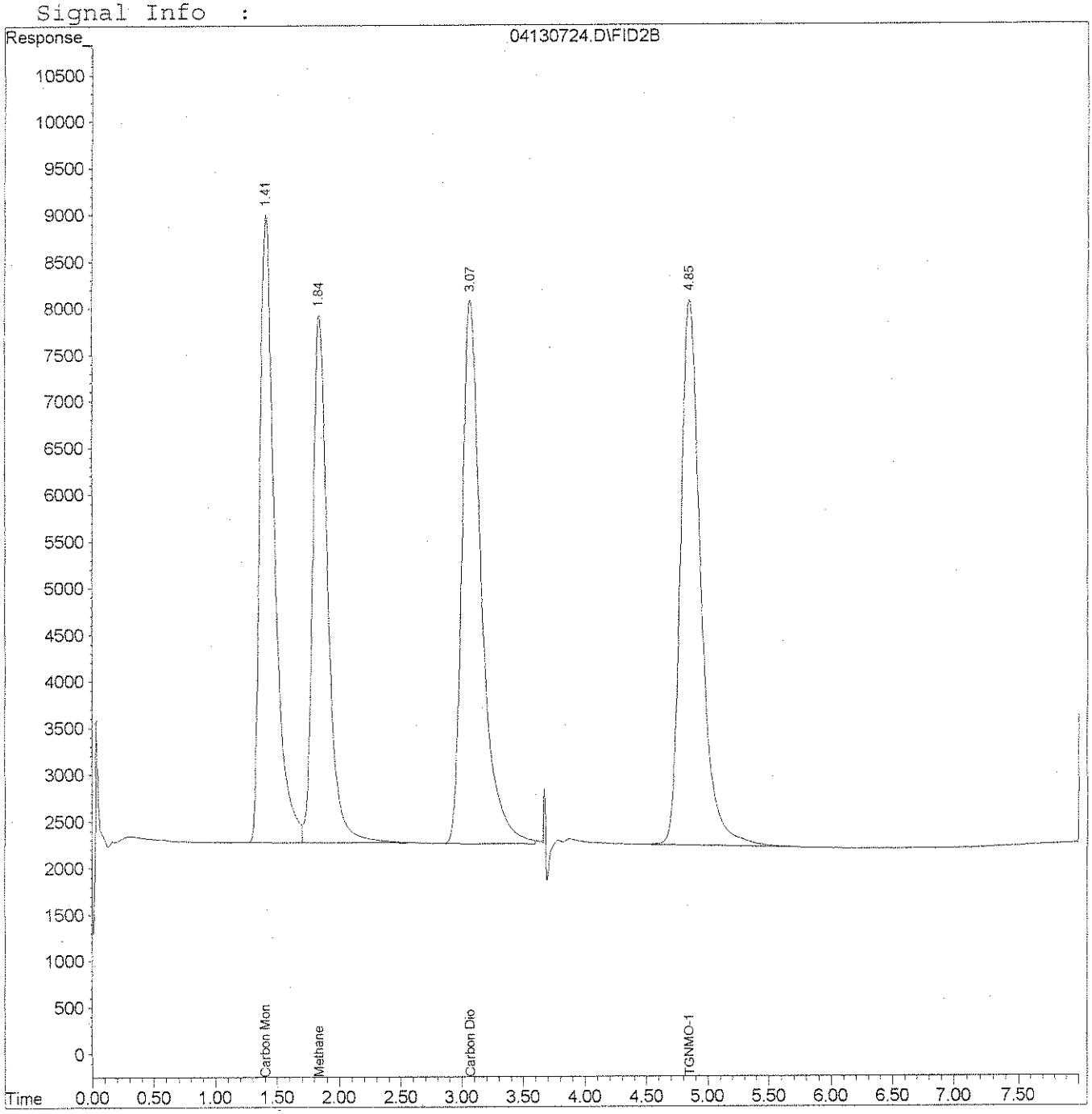
(f)=RT Delta > 1/2 Window (m)=manual int.
04130724.D M102006.M Fri Apr 13 14:35:56 2007 Page 1

Quantitation Report

Data File : J:\GC01\DATA\25C\2007_04\13\04130724.D Vial: 1
Acq On : 13 Apr 2007 14:11 Operator: ZW
Sample : STD 100ppm S14-12150601 Inst : GC 01
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Apr 13 14:19 2007 Quant Results File: M102006.RES

Quant Method : J:\GC01\METHODS\M102006.M (Chemstation Integrator)
Title : EPA 25C TCA/FID Analysis for TGNMO
Last Update : Mon Dec 04 12:53:09 2006
Response via : Multiple Level Calibration
DataAcq Meth : FXGS_25C.M

Volume Inj. :
Signal Phase :
Signal Info :



Injection Log

Directory: j:\gc01\data\25c\2006_10\20

ne	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
	1	10200601.d	1.	STD 100/80ppmS14-10110605		20 Oct 106 12::4
	1	10200602.d	1.	MB		20 Oct 106 12::5
	1	10200603.d	1.	Lab Air		20 Oct 106 12::0
	1	10200604.d	1.	LCS 345ppm		20 Oct 106 12::2
	1	10200605.d	1.	test low		20 Oct 106 13::5
	1	10200606.d	1.	STD 25C low level small loop	S14-10110606	20 Oct 106 13::0
	1	10200607.d	1.	STD 25C low level normal loop	S14-10110606	20 Oct 106 13::3
	1	10200608.d	1.	STD 25C mid level small loop	S14-10110605	20 Oct 106 12::0
	1	10200609.d	1.	STD 25C mid level normal loop	S14-10110605	20 Oct 106 12::2
	1	10200610.d	1.	STD 25C high level small loop	S14-10200601	20 Oct 106 12::1
	1	10200611.d	1.	STD 25C high level normal loop	S14-10200601	20 Oct 106 12::3
	1	10200612.d	1.	ICV S14-03270602		20 Oct 106 12::5
	1	10200613.d	1.	ICV S14-03270602	aprox 100/80ppm	20 Oct 106 12::2
	1	10200614.d	1.	x MB electrical noise		20 Oct 106 12::3
	1	10200615.d	1.	MB good		20 Oct 106 12::0
	1	10200616.d	1.	MB		20 Oct 106 12::2

LB 10/23/06

109

23 Oct 06 16:54

COLUMBIA ANALYTICAL SERVICES
SAMPLE RUN LOG
ID: HP 5890 SERIES II / GC1

DATE: 4 / 2 / 2007 *DATA SYSTEM*: HP Chemstation *ANALYSIS:* ___25C ✓ 25C(MOD.) ___3C ___3C(MOD.)

INJECTOR: PACKED COLUMN
VALVE SYSTEM:
3C ___ REGULAR LOOP (100µL) ___ OTHER _____
25C ___ REGULAR LOOP (500µL) ___ SMALL LOOP (7.33:1)

COLUMN ID's:
___8' X 1/8" CARBOSPHERE
___4' X 1/8" TENAX / HAYSEP Q / CARBOSPHERE

TEMPERATURE PROGRAMMING:
INITIAL AT 50 °C FOR 2 min
RAMP RATE 30 °C/min TO 200 °C HOLD FOR 1 min

CARRIER GAS: He 25.1 mL/min

DETECTOR INFO: HP TCD #1: 260 °C SENSITIVITY: INITIAL HIGH, 1.5 min LOW
HP FID #1: 280 °C POLARITY: INITIAL NEGATIVE, 1.5 min POSITIVE

DATA PATHWAY : J:\GC1\DATA25C\2007-04\02\ **METHOD FILE NAME : J:\GC1\METHODS**_____**.M**

	DATA FILE HEADER INFO		CLIENT	ANALYST
01	Std 100 ppm S14-12280601			ZW
02	MB			
03	Lab Air			
04	LCS 345 ppm S14-04050602			
05	LCSD			
06	0814-001	VV	TRC	
07	-002	V		
08	-002			
09	-002	dup		
10	-003			
11	-004			
12	-005			
13	-006			
14	-007			
15	-008			
16	Std 100 ppm			
17	0814-009	V	TRC	
18	-010			
19	-011			
20	-012			

	DATA FILE HEADER INFO	CLIENT	ANALYST
21	0814-013	TRC	ZW
22	-014		
23	-015		
24	-016		
25	-017		
26	Std 100 ppm S14-12280601		
27			
28			
29			
30			
31			
32			
33			
34	ZW		
35			
36	4/2/07		
37			
38			
39			
40			

110

COLUMBIA ANALYTICAL SERVICES
SAMPLE RUN LOG
ID: HP 5890 SERIES II / GC1

DATE: 4 / 4 / 2007 DATA SYSTEM: HP Chemstation ANALYSIS: ___25C ✓ 25C(MOD.) ___3C ___3C(MOD.)

INJECTOR: PACKED COLUMN
VALVE SYSTEM:
3C ___ REGULAR LOOP (100µL) ___ OTHER _____
25C ___ REGULAR LOOP (500µL) ___ SMALL LOOP (7.33:1)

COLUMN ID's:
___8' X 1/8" CARBOSPHERE
___4' X 1/8" TENAX / HAYSEP Q / CARBOSPHERE

TEMPERATURE PROGRAMMING:
INITIAL AT 50 °C FOR 2 min
RAMP RATE 30 °C/min TO 200 °C HOLD FOR 1 min

CARRIER GAS: He 25.1 mL/min

DETECTOR INFO: HP TCD #1: 260 °C SENSITIVITY: INITIAL HIGH, 1.5 min LOW
HP FID #1: 280 °C POLARITY: INITIAL NEGATIVE, 1.5 min POSITIVE

DATA PATHWAY: J:\GC1\DATA\25C\2007-04\04\ METHOD FILE NAME: J:\GC1\METHODS_____.M

	DATA FILE HEADER INFO			CLIENT	ANALYST
01	Std 100 ppm S14-12280601				ZW
02	MB				
03	Lab Air				
04	LCS 345ppm S14-04050602				
05	LCSD				
06	Wait				
07	0814-024	V		TRC	
08	-024		dup		
09	Wait				
10	0814-024	V		TRC	
11	Wait				
12	STD. 100 ppm S14-12280601				
13	0814-018	V		TRC	
14	-018				
15	-19				
16	-021				
17	-021		dup		
18	-025				
19	-026				
20	-027				

	DATA FILE HEADER INFO			CLIENT	ANALYST
21	0814-028	V		TRC	ZW
22	-029				
23	Std 100 ppm S14-12280601				
24	0814-020	V		TRC	
25	-023				
26	-023		dup		
27	-022				
28	Std 100 ppm S14-12280601				
29					
30					
31					
32				ZW	
33					
34				4/5/07	
35					
36					
37					
38					
39					
40					

111

COLUMBIA ANALYTICAL SERVICES
SAMPLE RUN LOG
ID: HP 5890 SERIES II / GC1

DATE: 4 / 12 / 2007 DATA SYSTEM: HP Chemstation ANALYSIS: ___25C ✓25C(MOD.) ___3C ___3C(MOD.)

INJECTOR: PACKED COLUMN
VALVE SYSTEM:
3C ___ REGULAR LOOP (100µL) ___ OTHER _____
25C ___ REGULAR LOOP (500µL) ___ SMALL LOOP (7.33:1)

COLUMN ID's:
___8' X 1/8" CARBOSPHERE
___4' X 1/8" TENAX / HAYSEP Q / CARBOSPHERE

TEMPERATURE PROGRAMMING:
INITIAL AT 50 °C FOR 2 min
RAMP RATE 30 °C/min TO 200 °C HOLD FOR 1 min

CARRIER GAS: He 25.1 mL/min

DETECTOR INFO: HP TCD #1: 260 °C SENSITIVITY: INITIAL HIGH, 1.5 min LOW
HP FID #1: 280 °C POLARITY: INITIAL NEGATIVE, 1.5 min POSITIVE

DATA PATHWAY: J:\GC1\DATA\25C\2007_04\12\ METHOD FILE NAME: J:\GC1\METHODS_____.M

	DATA FILE HEADER INFO	CLIENT	ANALYST
01	Std 100ppm S14-12280601		ZW
02	↓		
03	MB		
04	Lab Air		
05	LCS 345ppm S14-04050602		
06	LCSD ↓		
07	Std 100ppm S14-12280601		
08	MB 1		
09	Lab Air		
10	LCS 345 ppm S14-04050602		
11	LCSD ↓		
12	0838-001 V	TRC	
13	-001		
14	-002		
15	-002 dup		
16	0782-001		
17	0814-010		
18	-011		
19	-012		
20	-002		

	DATA FILE HEADER INFO	CLIENT	ANALYST
21	0814-003 V	TRC	ZW
22	Std 100ppm S14-12280601		
23	0814-004 V	TRC	
24	-005		
25	-006		
26	-001 VV		
27	Wait		
28	0814-008 V	TRC	
29	-009		
30	Std 100ppm S14-12150601		
31			
32			
33			ZW
34			
35			4/13/07
36			
37			
38			
39			
40			

COLUMBIA ANALYTICAL SERVICES
SAMPLE RUN LOG
ID: HP 5890 SERIES II / GC1

DATE: 4 / 13 / 2007 DATA SYSTEM: HP Chemstation ANALYSIS: ___25C ✓ 25C(MOD.) ___3C ___3C(MOD.)

INJECTOR: PACKED COLUMN
VALVE SYSTEM:
3C ___ REGULAR LOOP (100µL) ___ OTHER _____
25C ___ REGULAR LOOP (500µL) ___ SMALL LOOP (7.33:1)

COLUMN ID's:
___8' X 1/8" CARBOSPHERE
___4' X 1/8" TENAX / HAYSEP Q / CARBOSPHERE

TEMPERATURE PROGRAMMING:
INITIAL AT 50 °C FOR 2 min
RAMP RATE 30 °C/min TO 200 °C HOLD FOR 1 min

CARRIER GAS: He 25.1 mL/min

DETECTOR INFO: HP TCD #1: 260 °C SENSITIVITY: INITIAL HIGH, 1.5 min LOW
HP FID #1: 280 °C POLARITY: INITIAL NEGATIVE, 1.5 min POSITIVE

DATA PATHWAY: J:\GC1\DATA\25C\2007_04\13\ METHOD FILE NAME: J:\GC1\METHODS_____.M

	DATA FILE HEADER INFO	CLIENT	ANALYST
01	Std 100 ppm S14-12280601		ZW
02			
03	MB		
04	Lab Air		
05	LCS 345 ppm S14-04050602		
06	LCSD		
07	0814-014 V	TRC	
08	-014		
09	-015		
10	-016		
11	-017		
12	-018		
13	-019		
14	-020		
15	-025		
16	-025 dup		
17	Std 100 ppm S14-12280601		
18	0814-025 V	TRC	
19	-025 dup		
20	-022 V		

	DATA FILE HEADER INFO	CLIENT	ANALYST
21	0814-023 V	TRC	ZW
22	-023 dup		
23	MB		
24	Std 100 ppm S14-12280601		
25			
26			
27			
28		ZL	
29			
30		4/17/07	
31			
32			
33			
34			
35			
36			
37			
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39			
40			

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-46-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-001

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00537

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.1 Pf 1 = 3.5

D.F. = 1.44

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.14	
7782-44-7 7440-37-1	Oxygen + Argon *	**14.5**	0.14	
7727-37-9	Nitrogen	**84.1**	0.14	
630-08-0	Carbon Monoxide	ND	0.14	
74-82-8	Methane	**0.692**	0.14	
124-38-9	Carbon Dioxide	**0.711**	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Kc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : TRC
Client Sample ID: WDI-VW-46-I-3-20-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-002

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00097

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -3.1 Pf 1 = 3.5

D.F. = 1.57

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.16	
7782-44-7 7440-37-1	Oxygen + Argon *	8.35	0.16	
7727-37-9	Nitrogen	82.4	0.16	
630-08-0	Carbon Monoxide	ND	0.16	
124-38-9	Carbon Dioxide	9.26	0.16	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-46-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-003

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00642

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.8 Pf 1 = 3.5
D.F. = 1.53

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**9.05**	0.15	
7727-37-9	Nitrogen	**82.0**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**8.92**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-46-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-003DUP

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00642

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.8 Pf 1 = 3.5

D.F. = 1.53

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**8.93**	0.15	
7727-37-9	Nitrogen	**82.1**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**8.99**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RCo Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-61-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-004

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00329

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.5 Pf 1 = 3.5

D.F. = 1.49

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**5.66**	0.15	
7727-37-9	Nitrogen	**87.8**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**6.53**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : TRC
Client Sample ID: WDI-VW-61-I-3-20-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-005

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00887

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.1 Pf 1 = 3.5

D.F. = 1.44

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.14	
7782-44-7 7440-37-1	Oxygen + Argon *	**7.38**	0.14	
7727-37-9	Nitrogen	**79.8**	0.14	
630-08-0	Carbon Monoxide	ND	0.14	
124-38-9	Carbon Dioxide	**12.8**	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-61-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-006

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00854

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.7 Pf 1 = 3.5
D.F. = 1.52

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**5.04**	0.15	
7727-37-9	Nitrogen	**80.1**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**14.9**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-29-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-007

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00796

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.4 Pf 1 = 3.5
D.F. = 1.48

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**18.7**	0.15	
7727-37-9	Nitrogen	**79.3**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**1.93**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-29-I-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-008

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00787

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.8 Pf 1 = 3.5

D.F. = 1.53

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**10.0**	0.15	
7727-37-9	Nitrogen	**83.3**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**6.71**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-29-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-009

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00616

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.4 Pf 1 = 3.5

D.F. = 1.48

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**7.40**	0.15	
7727-37-9	Nitrogen	**83.0**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**9.61**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-49-S-3-15-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-010

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00136

Date Collected: 3/15/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.9 Pf 1 = 3.5
D.F. = 1.54

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**9.06**	0.15	
7727-37-9	Nitrogen	**84.2**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**6.73**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-49-I-3-15-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-011

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00053

Date Collected: 3/15/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -3.6 Pf 1 = 3.5
D.F. = 1.64

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.16	
7782-44-7 7440-37-1	Oxygen + Argon *	**4.45**	0.16	
7727-37-9	Nitrogen	**81.5**	0.16	
630-08-0	Carbon Monoxide	ND	0.16	
124-38-9	Carbon Dioxide	**14.1**	0.16	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-49-D-3-15-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-012

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00663

Date Collected: 3/15/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -3.3 Pf 1 = 3.5

D.F. = 1.60

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.16	
7782-44-7 7440-37-1	Oxygen + Argon *	**4.75**	0.16	
7727-37-9	Nitrogen	**81.2**	0.16	
630-08-0	Carbon Monoxide	ND	0.16	
124-38-9	Carbon Dioxide	**14.0**	0.16	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-31-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-013

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00682

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.4 Pf 1 = 3.5

D.F. = 1.48

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**17.3**	0.15	
7727-37-9	Nitrogen	**78.4**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**4.30**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Re Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-31-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-014

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00868

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.1 Pf 1 = 3.5
D.F. = 1.44

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.14	
7782-44-7 7440-37-1	Oxygen + Argon *	**11.9**	0.14	
7727-37-9	Nitrogen	**79.4**	0.14	
630-08-0	Carbon Monoxide	ND	0.14	
124-38-9	Carbon Dioxide	**8.73**	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Rcr Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-42-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-015

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00809

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.1 Pf 1 = 3.5

D.F. = 1.44

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.14	
7782-44-7 7440-37-1	Oxygen + Argon *	**17.2**	0.14	
7727-37-9	Nitrogen	**77.1**	0.14	
630-08-0	Carbon Monoxide	ND	0.14	
124-38-9	Carbon Dioxide	**5.65**	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-42-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-016

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00561

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.4 Pf 1 = 3.5
D.F. = 1.48

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**9.57**	0.15	
7727-37-9	Nitrogen	**77.5**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**12.9**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : TRC
Client Sample ID: WDI-VW-42-D-3-20-07-SC
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-017

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00853

Date Collected: 3/20/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.4 Pf 1 = 3.5

D.F. = 1.48

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**9.54**	0.15	
7727-37-9	Nitrogen	**77.5**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**12.9**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : TRC
Client Sample ID: WDI-VW-41-S-3-22-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-018

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00060

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.6 Pf 1 = 3.5

D.F. = 1.50

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**17.5**	0.15	
7727-37-9	Nitrogen	**77.4**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**5.14**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-41-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-019

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00758

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.3 Pf 1 = 3.5

D.F. = 1.47

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**16.8**	0.15	
7727-37-9	Nitrogen	**77.3**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**5.91**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Ru Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-51-S-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-020

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00819

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.7 Pf 1 = 3.5
D.F. = 1.52

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**1.47**	0.15	
7727-37-9	Nitrogen	**89.4**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
74-82-8	Methane	**0.353**	0.15	
124-38-9	Carbon Dioxide	**8.77**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : TRC
Client Sample ID: WDI-VW-51-I-3-22-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-021

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00548

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -3.4 Pf 1 = 3.5
D.F. = 1.61

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.16	
7782-44-7 7440-37-1	Oxygen + Argon *	**22.2**	0.16	
7727-37-9	Nitrogen	**77.7**	0.16	
630-08-0	Carbon Monoxide	ND	0.16	
124-38-9	Carbon Dioxide	ND	0.16	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-51-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-022

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00153

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -3.4 Pf 1 = 3.5

D.F. = 1.61

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.16	
7782-44-7 7440-37-1	Oxygen + Argon *	**1.12**	0.16	
7727-37-9	Nitrogen	**84.3**	0.16	
630-08-0	Carbon Monoxide	ND	0.16	
74-82-8	Methane	**0.466**	0.16	
124-38-9	Carbon Dioxide	**14.1**	0.16	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : TRC
Client Sample ID: WDI-VW-51-D-3-22-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-022DUP

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00153

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -3.4 Pf 1 = 3.5

D.F. = 1.61

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.16	
7782-44-7 7440-37-1	Oxygen + Argon *	**1.07**	0.16	
7727-37-9	Nitrogen	**84.3**	0.16	
630-08-0	Carbon Monoxide	ND	0.16	
74-82-8	Methane	**0.442**	0.16	
124-38-9	Carbon Dioxide	**14.1**	0.16	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-25-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-023

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00372

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -3.6 Pf 1 = 3.5
D.F. = 1.64

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.16	
7782-44-7 7440-37-1	Oxygen + Argon *	**1.39**	0.16	
7727-37-9	Nitrogen	**81.4**	0.16	
630-08-0	Carbon Monoxide	ND	0.16	
74-82-8	Methane	**0.235**	0.16	
124-38-9	Carbon Dioxide	**17.0**	0.16	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Ro Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-30-I-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-025

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00680

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.8 Pf 1 = 3.5

D.F. = 1.53

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**7.26**	0.15	
7727-37-9	Nitrogen	**83.1**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**9.68**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-30-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-026

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00801

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.2 Pf 1 = 3.5

D.F. = 1.46

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**12.6**	0.15	
7727-37-9	Nitrogen	**81.1**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**6.21**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Re Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-30-I-3-22-07-SC**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-027

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00083

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

Pi 1 = -2.4 Pf 1 = 3.5

D.F. = 1.48

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.15	
7782-44-7 7440-37-1	Oxygen + Argon *	**7.92**	0.15	
7727-37-9	Nitrogen	**82.8**	0.15	
630-08-0	Carbon Monoxide	ND	0.15	
124-38-9	Carbon Dioxide	**9.27**	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Re Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-TRIP-BLANK**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-028

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00664

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

D.F. = 1.00

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.10	
7782-44-7 7440-37-1	Oxygen + Argon *	ND	0.10	
7727-37-9	Nitrogen	ND	0.10	
630-08-0	Carbon Monoxide	ND	0.10	
124-38-9	Carbon Dioxide	ND	0.10	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **WDI-VW-FIELD-BLANK**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-029

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01072

Date Collected: 3/22/07
Date Received: 3/23/07
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

D.F. = 1.00

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.10	
7782-44-7 7440-37-1	Oxygen + Argon *	ND	0.10	
7727-37-9	Nitrogen	**0.202**	0.10	
630-08-0	Carbon Monoxide	ND	0.10	
124-38-9	Carbon Dioxide	ND	0.10	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070402-MB

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/2/07
Volume(s) Analyzed: 0.10 ml

D.F. = 1.00

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.10	
7782-44-7 7440-37-1	Oxygen + Argon *	ND	0.10	
7727-37-9	Nitrogen	ND	0.10	
630-08-0	Carbon Monoxide	ND	0.10	
74-82-8	Methane	ND	0.10	
124-38-9	Carbon Dioxide	ND	0.10	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client : **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070403-MB

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/3/07
Volume(s) Analyzed: 0.10 ml

D.F. = 1.00

CAS #	Compound	Result (%, v/v)	MRL (%, v/v)	Data Qualifier
1333-74-0	Hydrogen	ND	0.10	
7782-44-7 7440-37-1	Oxygen + Argon *	ND	0.10	
7727-37-9	Nitrogen	ND	0.10	
630-08-0	Carbon Monoxide	ND	0.10	
74-82-8	Methane	ND	0.10	
124-38-9	Carbon Dioxide	ND	0.10	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
* = Coeluting Compounds

Verified By: Rw Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Lab Control Sample
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P070402-LCS

Laboratory Control Sample Summary

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/02/07
Volume(s) Analyzed: NA

Compound	Spike Amount LCS ppmV	Result LCS ppmV	% Recovery LCS	Acceptance Limits	Data Qualifier
Hydrogen	40,100	38,400	96	90-110	
Oxygen + Argon *	50,000	52,000	104	90-110	
Nitrogen	50,500	51,000	101	90-110	
Carbon Monoxide	50,100	52,400	105	90-110	
Methane	40,100	42,200	105	90-110	
Carbon Dioxide	50,400	52,700	105	90-110	

Verified By: Rev Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Lab Control Sample**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070403-LCS

Laboratory Control Sample Summary

Test Code: EPA Method 3C Modified
Instrument ID: HP5890II/GC1/TCD
Analyst: Zheng Wang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/03/07
Volume(s) Analyzed: NA

Compound	Spike Amount LCS ppmV	Result LCS ppmV	**% Recovery LCS**	Acceptance Limits	Data Qualifier
Hydrogen	40,100	38,300	**96**	90-110	
Oxygen + Argon *	50,000	51,500	**103**	90-110	
Nitrogen	50,500	50,400	**100**	90-110	
Carbon Monoxide	50,100	52,200	**104**	90-110	
Methane	40,100	42,200	**105**	90-110	
Carbon Dioxide	50,400	52,700	**105**	90-110	

Verified By: Rio Date: 4/10/07

00814SVG.RE2 - LCS

Response Factor Report GC 01

Method : J:\GC01\METHODS\3C082106.M (Chemstation Integrator)
Title : EPA 3C GC/TCD Analysis for Fixed Gases
Last Update : Mon Aug 21 16:53:50 2006

Calibration Files
1 =08210605.D 2 =08210606.D 3 =08210607.D
4 =08210608.D 5 =08210609.D

	Compound	1	2	3	4	5	Avg		%RSD
1)	Hydrogen	0.969	0.809	0.886	1.007	0.994	0.933	E1	8.97
2)	Oxygen	1.329	1.193	1.293	1.265	1.167	1.249	E1	5.43
3)	Nitrogen	1.476	1.364	1.484	1.480	1.406	1.442	E1	3.74
4)	Carbon Monoxide	1.384	1.312	1.423	1.406	1.323	1.370	E1	3.63
5)	Methane	1.027	0.996	1.061	1.039	0.973	1.019	E1	3.40
6)	Carbon Dioxide	1.559	1.511	1.614	1.591	1.498	1.555	E1	3.20

Wg 8/22/06

:) = Out of Range

Compound #1: Hydrogen (Page 3)

Lvl ID	Conc	Response	Lvl ID	Conc	Response
1	34.255	332			
2	697.000	5638			
3	4100.000	36325			
4	42927.000	432280			
5	73800.000	733283			

	Integration Parameter File	Sum?
Tgt		
		☐
		☐
		☐

Next | Plot | Page 1 | Page 2 | OK | Cancel | Help

Compound = 2: Oxygen (Page 3)

Lvl ID	Conc	Response	Lvl ID	Conc	Response
1	43.017	572			
2	841.500	10838			
3	4950.000	53807			
4	51826.500	655569			
5	89100.000	1039947			

	Integration Parameter File	Sum?
Tot		
		☐
		☐
		☐

Prev | Next | Plot | Page 1 | Page 2 | OK | Cancel | Help

Compound = 3: Nitrogen (Page 3)

Lvl ID	Conc	Response	Lvl ID	Conc	Response
1	42.585	628			
2	844.050	11517			
3	4965.000	73699			
4	51983.550	769193			
5	89370.000	1256516			

	Integration Parameter File	Sum?		
Tgt				1.00
		☐		0.000
		☐		
		☐		

Prev | Next | Plot | Page 1 | Page 2 | OK | Cancel | Help

Compound #4: Carbon Monoxide (Page 3)

Lvl ID	Conc	Response	Lvl ID	Conc	Response
1	42.585	589			
2	853.400	11195			
3	5020.000	71443			
4	52559.400	738905			
5	90360.000	1195622			

	Integration Parameter File	Sum?	
Tgt			
		☐	
		☐	
		☐	

Prev | Next | Plot | Page 1 | Page 2 | OK | Cancel | Help

Compound #5: Methane (Page 3)

Lvl ID	Conc	Response	Lvl ID	Conc	Response
1	34.425	353			
2	605.780	6832			
3	4034.000	42792			
4	42235.980	438858			
5	72612.000	706850			

	Integration Parameter File	Sum?
Tot		
		☐
		☐
		☐

Prev | Next | Plot | Page 1 | Page 2 | OK | Cancel | Help

Compound #6: Carbon Dioxide (Page 3)

Lvl ID	Conc	Response	Lvl ID	Conc	Response
1	42.585	664			
2	847.450	12805			
3	4985.000	80434			
4	52192.950	830567			
5	89730.000	1344318			

	Integration Parameter File	Sum?	
Std			0.00
		☐	0.000
		☐	
		☐	

Prev | Next | Plot | Page 1 | Page 2 | OK | Cancel | Help

ZW 4/4/07

COLUMBIA ANALYTICAL INC.

EPA 3C GC/TCD Analysis for Fixed Gases

Client & PAI Job# : TRC P2700814
Analyst : ZW
Sample amount : ~100uL

Printed : 4/4/07
Instrument : GC #1 / TCD #1
Date analyzed : 2 Apr 2007 9:07

Sample Result

Sample ID	Hydrogen	O2/Ar	Nitrogen	Carbon Monoxide	Methane	Carbon Dioxide	Pi1	Pf1	Pi2	Pf2
STD-50000ppm	38968	50961	49904	51646	41892	52381				
ACTUAL	40100	49970	50540	50050	40050	50360				
% DIFFER.	2.8%	2.0%	1.3%	3.2%	4.6%	4.0%				
MB	0	0	0	0	0	0				
LAB AIR	0	228080	812393	0	0	660				
0814-001	0	109321	635772	0	5233	5374	-2.1	3.5		
0814-002	0	54505	537576	0	0	60436	-3.1	3.5		
0814-003	0	61802	559985	0	0	60933	-2.8	3.5		
0814-004	0	39498	612920	0	0	45620	-2.5	3.5		
0814-005	0	48532	525010	0	0	83952	-2.1	3.5		
0814-006	0	34247	544762	0	0	101042	-2.7	3.5		
0814-007	0	128141	542491	0	0	13231	-2.4	3.5		
0814-008	0	67970	567618	0	0	45728	-2.8	3.5		
0814-009	0	52058	584158	0	0	67678	-2.4	3.5		
0814-010	0	64086	595617	0	0	47586	-2.9	3.5		
0814-011	0	31478	576856	0	0	99537	-3.6	3.5		
0814-012	0	35448	605776	0	0	104811	-3.3	3.5		
0814-013	0	104701	474794	0	0	26024	-2.4	3.5		
0814-014	0	95967	641198	0	0	70530	-2.1	3.5		
0814-015	0	135689	609017	0	0	44610	-2.1	3.5		
0814-016	0	64998	526685	0	0	87555	-2.4	3.5		
0814-017	0	65123	529122	0	0	88327	-2.4	3.5		
0814-018	0	109148	483640	0	0	32116	-2.6	3.5		
LCS 50000ppm S14-12	38393	51976	51047	52437	42154	52730				
ACTUAL	40100	49970	50540	50050	40050	50360				
% DIFFER.	4.3%	4.0%	1.0%	4.8%	5.3%	4.7%				
STD 50000ppm S14-12	39022	50879	49578	51701	41627	52153				
ACTUAL	40100	49970	50540	50050	40050	50360				
% DIFFER.	2.7%	1.8%	1.9%	3.3%	3.9%	3.6%				
0814-003 dup	0	60208	553676	0	0	60632	-2.8	3.5		
STD 50000ppm S14-12	39311	51275	50089	52003	42147	52581				
ACTUAL	40100	49970	50540	50050	40050	50360				
% DIFFER.	2.0%	2.6%	0.9%	3.9%	5.2%	4.4%				

See normalized next page WB 4/5/07

Sample Result ppm with the DILUTION FACTOR

Sample ID	Hydrogen	O2/Ar	Nitrogen	Carbon Monoxide	Methane	Carbon Dioxide	Total	D.F.
MB	0	0	0	0	0	0	0.0	1.00
LAB AIR	0	228080	812393	0	0	660	104.1	1.00
0814-001	0	157907	918338	0	7559	7763	109.2	1.44
0814-002	0	85517	843438	0	0	94822	102.4	1.57
0814-003	0	94520	856448	0	0	93192	104.4	1.53
0814-004	0	58923	914357	0	0	68057	104.1	1.49
0814-005	0	70102	758348	0	0	121263	95.0	1.44
0814-006	0	51942	826222	0	0	153247	103.1	1.52
0814-007	0	189608	802710	0	0	19577	101.2	1.48
0814-008	0	103954	868121	0	0	69937	104.2	1.53
0814-009	0	77030	864364	0	0	100141	104.2	1.48
0814-010	0	98844	918663	0	0	73396	109.1	1.54
0814-011	0	51613	945835	0	0	163204	116.1	1.64
0814-012	0	56592	967116	0	0	167330	119.1	1.60
0814-013	0	154924	702540	0	0	38507	89.6	1.48
0814-014	0	138619	926175	0	0	101877	116.7	1.44
0814-015	0	195996	879692	0	0	64436	114.0	1.44
0814-016	0	96175	779323	0	0	129553	100.5	1.48
0814-017	0	96360	782929	0	0	130696	101.0	1.48
0814-018	0	164174	727458	0	0	48307	94.0	1.50
0814-003 dup	0	92082	846799	0	0	92731	103.2	1.53

COLUMBIA ANALYTICAL INC.

EPA 3C GC/TCD Analysis for Fixed Gases

Client & PAI Job# : TRC P2700814
Analyst : ZW
Sample amount : ~100uL

Printed : 4/4/07
Instrument : GC #1 / TCD #1
Date analyzed : 2 Apr 2007 9:07

Sample Result (Normalized)

Sample ID	Hydrogen	O2/Ar	Nitrogen	Carbon Monoxide	Methane	Carbon Dioxide	Total
RL ppm	1000	1000	1000	1000	1000	1000	
MDL ppm	150	360	600	350	140	140	
STD-50000ppm	38968	50961	49904	51646	41892	52381	
MB	ND	ND	ND	ND	ND	ND	
LAB AIR	ND	219047	780219	ND	ND	634	99.99
0814-001	ND	144647	841218	ND	6924	7111	99.99
0814-002	ND	83522	823767	ND	ND	92611	99.99
0814-003	ND	90514	820145	ND	ND	89242	99.99
0814-004	ND	56579	877973	ND	ND	65349	99.99
0814-005	ND	73806	798422	ND	ND	127671	99.99
0814-006	ND	50355	800980	ND	ND	148565	99.99
0814-007	ND	187360	793195	ND	ND	19345	99.99
0814-008	ND	99753	833036	ND	ND	67111	99.99
0814-009	ND	73950	829811	ND	ND	96138	99.99
0814-010	ND	90598	842028	ND	ND	67273	99.99
0814-011	ND	44464	814835	ND	ND	140600	99.99
0814-012	ND	47510	811913	ND	ND	140477	99.99
0814-013	ND	172894	784032	ND	ND	42973	99.99
0814-014	ND	118804	793782	ND	ND	87314	99.99
0814-015	ND	171890	771498	ND	ND	56511	99.99
0814-016	ND	95682	775329	ND	ND	128889	99.99
0814-017	ND	95398	775111	ND	ND	129390	99.99
0814-018	ND	174647	773864	ND	ND	51389	99.99
0814-003 dup	ND	89252	820768	ND	ND	89881	99.99

ZW 4/4/07

COLUMBIA ANALYTICAL INC.

EPA 3C GC/TCD Analysis for Fixed Gases

Client & PAI Job# : TRC P2700814
Analyst : ZW
Sample amount : ~100uL

Printed : 4/4/07
Instrument : GC #1 / TCD #1
Date analyzed : 3 Apr 2007 15:34

Sample Result

Sample ID	Hydrogen	O2/Ar	Nitrogen	Carbon Monoxide	Methane	Carbon Dioxide	Pi1	Pf1	Pi2	Pf2
STD-50000ppm	38897	51088	49826	51960	42060	52545				
ACTUAL	40100	49970	50540	50050	40050	50360				
% DIFFER.	3.0%	2.2%	1.4%	3.8%	5.0%	4.3%				
MB	0	0	0	0	0	0				
LAB AIR	0	228278	814874	0	0	667				
0814-019	0	123249	567142	0	0	43352	-2.3	3.5		
0814-020	0	9622	585938	0	2314	57482	-2.7	3.5		
0814-021	0	141898	497088	0	0	309	-3.4	3.5		
0814-022	0	8247	623143	0	3447	104397	-3.4	3.5		
0814-023	0	8022	471294	0	1359	98215	-3.6	3.5		
0814-025	0	40042	458118	0	0	53372	-2.8	3.5		
0814-026	0	73392	471154	0	0	36087	-2.2	3.5		
0814-027	0	44366	463648	0	0	51888	-2.4	3.5		
0814-028	0	0	0	0	0	0	-14.1	3.5	-4.0	3.5
0814-029	0	588	2020	0	0	0	-14.1	3.5	-4.2	3.5
LCS 50000ppm S14-12	38341	51528	50393	52203	42167	52670				
ACTUAL	40100	49970	50540	50050	40050	50360				
% DIFFER.	4.4%	3.1%	0.3%	4.3%	5.3%	4.6%				
STD 50000ppm S14-12	38763	50834	49362	51394	41604	52090				
ACTUAL	40100	49970	50540	50050	40050	50360				
% DIFFER.	3.3%	1.7%	2.3%	2.7%	3.9%	3.4%				
0814-022 dup	0	7899	619641	0	3247	103973	-3.4	3.5		
STD 50000ppm S14-12	39282	51464	50215	52288	42026	52655				
ACTUAL	40100	49970	50540	50050	40050	50360				
% DIFFER.	2.0%	3.0%	0.6%	4.5%	4.9%	4.6%				

Sample Result ppm with the DILUTION FACTOR

Sample ID	Hydrogen	O2/Ar	Nitrogen	Carbon Monoxide	Methane	Carbon Dioxide	Total	D.F.
MB	0	0	0	0	0	0	0.0	1.00
LAB AIR	0	228278	814874	0	0	667	104.4	1.00
0814-019	0	180897	832418	0	0	63630	107.7	1.47
0814-020	0	14594	888673	0	3510	87181	99.4	1.52
0814-021	0	228543	800619	0	0	498	103.0	1.61
0814-022	0	13283	1003646	0	5552	168144	119.1	1.61
0814-023	0	13154	772752	0	2228	161037	94.9	1.64
0814-025	0	61240	700651	0	0	81627	84.4	1.53
0814-026	0	106858	686000	0	0	52543	84.5	1.46
0814-027	0	65648	686048	0	0	76777	82.8	1.48
0814-028	0	0	0	0	0	0	0.0	1.00
0814-029	0	588	2020	0	0	0	0.3	1.00
0814-022 dup	0	12722	998005	0	5230	167461	118.3	1.61

Sample Result (Normalized)

Sample ID	Hydrogen	O2/Ar	Nitrogen	Carbon Monoxide	Methane	Carbon Dioxide	Total
RL ppm	1000	1000	1000	1000	1000	1000	
MDL ppm	150	360	600	350	140	140	
STD-50000ppm	38897	51088	49826	51960	42060	52545	
MB	ND	ND	ND	ND	ND	ND	
LAB AIR	ND	218673	780588	ND	ND	639	99.99
0814-019	ND	167956	772866	ND	ND	59078	99.99
0814-020	ND	14681	893986	ND	3531	87702	99.99
0814-021	ND	221937	777479	ND	ND	484	99.99
0814-022	ND	11155	842873	ND	4663	141209	99.99
0814-023	ND	13857	814052	ND	2348	169644	99.99
0814-025	ND	72593	830546	ND	ND	96760	99.99
0814-026	ND	126387	811368	ND	ND	62145	99.99
0814-027	ND	79232	828005	ND	ND	92664	99.99
0814-028	ND	ND	ND	ND	ND	ND	0.00
0814-029	ND	225372	774528	ND	ND	ND	99.99
0814-022 dup	ND	10749	843240	ND	4419	141492	99.99

Injection Log

Directory: j:\gc01\data\fxg\2006_08\21

ne	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
	4	08210601.d	10.	Test		21 Aug 106 12::5
	4	08210602.d	10.	Test		21 Aug 106 13::5
	4	08210603.d	10.	MB		21 Aug 106 13::0
	4	08210604.d	10.	test		21 Aug 106 12::1
	4	08210605.d	10.	STD 1 S14-03260601 (loop 0.17)		21 Aug 106 12::3
	4	08210606.d	10.	STD 2 S14-04120602 (loop 0.17)		21 Aug 106 12::1
	5	08210607.d	10.	STD 3 S14-04120602 (loop 1.00)		21 Aug 106 12::3
	5	08210608.d	10.	STD 4 S14-04120602 (loop 10.47)		21 Aug 106 12::4
	5	08210609.d	10.	STD 5 S14-0~~6~~4120602 (loop 18.0)		21 Aug 106 12::5
)	5	08210610.d	10.	lab air	lab [illegible]	21 Aug 106 12::1
	5	08210611.d	10.	icv		21 Aug 106 12::2
:	5	08210612.d	10.	ICV S14-07110501		21 Aug 106 12::5
;	5	08210613.d	10.	blank		21 Aug 106 12::1

COLUMBIA ANALYTICAL SERVICES
SAMPLE RUN LOG
ID: HP 5890 SERIES II / GC1

DATE: 4 / 2 / 2007 DATA SYSTEM: HP Chemstation ANALYSIS: ___25C ___25C(MOD.) ___3C ✓ 3C(MOD.)

INJECTOR: PACKED COLUMN
VALVE SYSTEM:
3C ___ REGULAR LOOP (100µL) ___ OTHER _____
25C ___ REGULAR LOOP (500µL) ___ SMALL LOOP (7.33:1)

COLUMN ID's:
___8' X 1/8" CARBOSPHERE
___4' X 1/8" TENAX / HAYSEP Q / CARBOSPHERE

TEMPERATURE PROGRAMMING:
INITIAL AT 50 °C FOR 2 min
RAMP RATE 30 °C/min TO 200 °C HOLD FOR 1 min

CARRIER GAS: He 25.1 mL/min

DETECTOR INFO: HP TCD #1: 260 °C SENSITIVITY: INITIAL HIGH, 1.5 min LOW
HP FID #1: 280 °C POLARITY: INITIAL NEGATIVE, 1.5 min POSITIVE

DATA PATHWAY: J:\GC1\DATA\Fxg\2007-04\02\ METHOD FILE NAME: J:\GC1\METHODS_____.M

	DATA FILE HEADER INFO	CLIENT	ANALYST
01	Std 50000 ppm 514-12150602		ZW
02	MB		
03	Lab Air		
04	LCS 50000 ppm 514-12150601		
05	0814-001	TRC	
06	-002		
07	-003		
08	-003 dup		
09	-004		
10	-005		
11	-006		
12	-007		
13	-008		
14	-009		
15	Std 50000 ppm		
16	0763-023	[redacted]	
17	0814-010	TRC	
18	-011		
19	-012		
20	-013		
21	0814-014	TRC	ZW
22	-015		
23	-016		
24	-017		
25	-018		
26	Std 50000 ppm 514-12150602		
27			
28			
29			
30			
31			
32			
33			
34	ZW		
35			
36	4/2/07		
37			
38			
39			
40			

COLUMBIA ANALYTICAL SERVICES
SAMPLE RUN LOG
ID: HP 5890 SERIES II / GC1

DATE: 4 / 3 / 2007 DATA SYSTEM: HP Chemstation ANALYSIS: ___25C ___25C(MOD.) ___3C ✓3C(MOD.)

INJECTOR: PACKED COLUMN
VALVE SYSTEM:
3C ___ REGULAR LOOP (100µL) ___ OTHER _____
25C ___ REGULAR LOOP (500µL) ___ SMALL LOOP (7.33:1)

COLUMN ID's:
___8' X 1/8" CARBOSPHERE
___4' X 1/8" TENAX / HAYSEP Q / CARBOSPHERE

TEMPERATURE PROGRAMMING:
INITIAL AT 50 °C FOR 2 min
RAMP RATE 30 °C/min TO 200 °C HOLD FOR 1 min

CARRIER GAS: He 25.1 mL/min

DETECTOR INFO: HP TCD #1: 260 °C SENSITIVITY: INITIAL HIGH, 1.5 min LOW
HP FID #1: 280 °C POLARITY: INITIAL NEGATIVE, 1.5 min POSITIVE

DATA PATHWAY: J:\GC1\DATA\Fxg\2007-04\03\ METHOD FILE NAME: J:\GC1\METHODS_____.M

	DATA FILE HEADER INFO	CLIENT	ANALYST
01	Std 50000 ppm 514-12150602		ZW
02	MB		
03	Lab Air		
04	LCS 50000 ppm 514-12150601		
05	0885-001	[redacted]	
06	-002		
07	-003		
08	-004		
09	-005		
10	-006		
11	-007		
12	0775-011	[redacted]	
13	0814-019	TRC	
14	-020		
15	Std 50000 ppm 514-12150602		
16	0814-021	TRC	
17	-022		
18	-022		
19	-023		
20	-024		
21	0814-025	TRC	ZW
22	-026		
23	-027		
24	-028		
25	-029		
26	Std 50000 ppm 514-12150602		
27	0814-024 (Test)		
28	Wait		
29			
30			
31			
32		ZW	
33			
34		4/4/07	
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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-46-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-001

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00537

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07
Volume(s) Analyzed: 0.50 Liter(s)
0.075 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	2.9	ND	1.4	
75-01-4	Vinyl Chloride	ND	2.9	ND	1.1	
74-83-9	Bromomethane	ND	2.9	ND	0.74	
75-00-3	Chloroethane	ND	2.9	ND	1.1	
67-64-1	Acetone	**41**	14	**17**	6.1	**M**
75-69-4	Trichlorofluoromethane	**12**	2.9	**2.1**	0.51	
75-35-4	1,1-Dichloroethene	ND	2.9	ND	0.73	
75-09-2	Methylene chloride	ND	2.9	ND	0.83	
76-13-1	Trichlorotrifluoroethane	ND	2.9	ND	0.38	
75-15-0	Carbon Disulfide	ND	2.9	ND	0.93	
156-60-5	trans-1,2-Dichloroethene	ND	2.9	ND	0.73	
75-34-3	1,1-Dichloroethane	**6.3**	2.9	**1.5**	0.71	
1634-04-4	Methyl tert-Butyl Ether	ND	2.9	ND	0.80	
108-05-4	Vinyl Acetate	ND	2.9	ND	0.82	
78-93-3	2-Butanone (MEK)	**11**	2.9	**3.7**	0.98	
156-59-2	cis-1,2-Dichloroethene	ND	2.9	ND	0.73	
67-66-3	Chloroform	ND	2.9	ND	0.59	
107-06-2	1,2-Dichloroethane	ND	2.9	ND	0.71	
71-55-6	1,1,1-Trichloroethane	**3.2**	2.9	**0.58**	0.53	
71-43-2	Benzene	**360**	2.9	**110**	0.90	
56-23-5	Carbon Tetrachloride	ND	2.9	ND	0.46	
78-87-5	1,2-Dichloropropane	ND	2.9	ND	0.62	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference; results may be biased high.

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-46-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-001

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00537

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07
Volume(s) Analyzed: 0.50 Liter(s)
0.075 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	2.9	ND	0.43	
79-01-6	Trichloroethene	**5.6**	2.9	**1.0**	0.54	
10061-01-5	cis-1,3-Dichloropropene	ND	2.9	ND	0.63	
108-10-1	4-Methyl-2-pentanone	ND	2.9	ND	0.70	
10061-02-6	trans-1,3-Dichloropropene	ND	2.9	ND	0.63	
79-00-5	1,1,2-Trichloroethane	ND	2.9	ND	0.53	
108-88-3	Toluene	**7.8**	2.9	**2.1**	0.76	
591-78-6	2-Hexanone	ND	2.9	ND	0.70	
124-48-1	Dibromochloromethane	ND	2.9	ND	0.34	
106-93-4	1,2-Dibromoethane	ND	2.9	ND	0.37	
127-18-4	Tetrachloroethene	**26**	2.9	**3.8**	0.42	
108-90-7	Chlorobenzene	ND	2.9	ND	0.63	
100-41-4	Ethylbenzene	ND	2.9	ND	0.66	
179601-23-1	*m,p* -Xylenes	**5.7**	2.9	**1.3**	0.66	
75-25-2	Bromoform	ND	2.9	ND	0.28	
100-42-5	Styrene	ND	2.9	ND	0.68	
95-47-6	o-Xylene	ND	2.9	ND	0.66	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.9	ND	0.42	
541-73-1	1,3-Dichlorobenzene	ND	2.9	ND	0.48	
106-46-7	1,4-Dichlorobenzene	ND	2.9	ND	0.48	
95-50-1	1,2-Dichlorobenzene	ND	2.9	ND	0.48	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-46-I-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-002

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00097

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07 & 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)
0.0050 Liter(s)

Pi 1 = -3.1 Pf 1 = 3.5
Can D.F. = 1.57

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.6	ND	0.76	
75-01-4	Vinyl Chloride	ND	1.6	ND	0.61	
74-83-9	Bromomethane	ND	1.6	ND	0.40	
75-00-3	Chloroethane	ND	1.6	ND	0.60	
67-64-1	Acetone	ND	7.9	ND	3.3	
75-69-4	Trichlorofluoromethane	**5,200**	1.6	**920**	0.28	
75-35-4	1,1-Dichloroethene	ND	1.6	ND	0.40	
75-09-2	Methylene chloride	ND	1.6	ND	0.45	
76-13-1	Trichlorotrifluoroethane	**39**	1.6	**5.0**	0.20	
75-15-0	Carbon Disulfide	ND	1.6	ND	0.50	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	ND	0.40	
75-34-3	1,1-Dichloroethane	ND	1.6	ND	0.39	
1634-04-4	Methyl tert-Butyl Ether	ND	1.6	ND	0.44	
108-05-4	Vinyl Acetate	ND	1.6	ND	0.45	
78-93-3	2-Butanone (MEK)	ND	1.6	ND	0.53	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	ND	0.40	
67-66-3	Chloroform	ND	1.6	ND	0.32	
107-06-2	1,2-Dichloroethane	ND	1.6	ND	0.39	
71-55-6	1,1,1-Trichloroethane	**50**	1.6	**9.2**	0.29	
71-43-2	Benzene	**13**	1.6	**4.1**	0.49	
56-23-5	Carbon Tetrachloride	ND	1.6	ND	0.25	
78-87-5	1,2-Dichloropropane	ND	1.6	ND	0.34	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-46-I-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-002

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00097

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07 & 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)
0.0050 Liter(s)

Pi 1 = -3.1 Pf 1 = 3.5
Can D.F. = 1.57

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.6	ND	0.23	
79-01-6	Trichloroethene	**9.4**	1.6	**1.8**	0.29	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	ND	0.35	
108-10-1	4-Methyl-2-pentanone	ND	1.6	ND	0.38	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	ND	0.35	
79-00-5	1,1,2-Trichloroethane	ND	1.6	ND	0.29	
108-88-3	Toluene	**5.4**	1.6	**1.4**	0.42	
591-78-6	2-Hexanone	ND	1.6	ND	0.38	
124-48-1	Dibromochloromethane	ND	1.6	ND	0.18	
106-93-4	1,2-Dibromoethane	ND	1.6	ND	0.20	
127-18-4	Tetrachloroethene	**100**	1.6	**15**	0.23	
108-90-7	Chlorobenzene	ND	1.6	ND	0.34	
100-41-4	Ethylbenzene	**1.7**	1.6	**0.38**	0.36	
179601-23-1	*m,p*-Xylenes	**6.2**	1.6	**1.4**	0.36	
75-25-2	Bromoform	ND	1.6	ND	0.15	
100-42-5	Styrene	ND	1.6	ND	0.37	
95-47-6	o-Xylene	**2.2**	1.6	**0.51**	0.36	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	ND	0.23	
541-73-1	1,3-Dichlorobenzene	ND	1.6	ND	0.26	
106-46-7	1,4-Dichlorobenzene	ND	1.6	ND	0.26	
95-50-1	1,2-Dichlorobenzene	ND	1.6	ND	0.26	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-46-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-003

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00642

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07 & 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)
0.0050 Liter(s)

Pi 1 = -2.8 Pf 1 = 3.5
Can D.F. = 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.74	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.60	
74-83-9	Bromomethane	ND	1.5	ND	0.39	
75-00-3	Chloroethane	ND	1.5	ND	0.58	
67-64-1	Acetone	ND	7.7	ND	3.2	
75-69-4	Trichlorofluoromethane	**4,700**	1.5	**830**	0.27	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.39	
75-09-2	Methylene chloride	ND	1.5	ND	0.44	
76-13-1	Trichlorotrifluoroethane	**38**	1.5	**5.0**	0.20	
75-15-0	Carbon Disulfide	ND	1.5	ND	0.49	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.39	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.38	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.42	
108-05-4	Vinyl Acetate	ND	1.5	ND	0.43	
78-93-3	2-Butanone (MEK)	**2.1**	1.5	**0.71**	0.52	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.39	
67-66-3	Chloroform	**2.1**	1.5	**0.44**	0.31	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.38	
71-55-6	1,1,1-Trichloroethane	**6.5**	1.5	**1.2**	0.28	
71-43-2	Benzene	**33**	1.5	**10**	0.48	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.33	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-46-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-003

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00642

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07 & 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)
0.0050 Liter(s)

Pi 1 = -2.8 Pf 1 = 3.5

Can D.F. = 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.23	
79-01-6	Trichloroethene	**6.6**	1.5	**1.2**	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.34	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.37	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.34	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.28	
108-88-3	Toluene	**5.8**	1.5	**1.5**	0.41	
591-78-6	2-Hexanone	**1.6**	1.5	**0.38**	0.37	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.18	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.20	
127-18-4	Tetrachloroethene	**120**	1.5	**18**	0.23	
108-90-7	Chlorobenzene	ND	1.5	ND	0.33	
100-41-4	Ethylbenzene	**2.0**	1.5	**0.45**	0.35	
179601-23-1	*m,p*-Xylenes	**9.9**	1.5	**2.3**	0.35	
75-25-2	Bromoform	ND	1.5	ND	0.15	
100-42-5	Styrene	ND	1.5	ND	0.36	
95-47-6	o-Xylene	**3.3**	1.5	**0.76**	0.35	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-61-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-004

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00329

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -2.5 Pf 1 = 3.5

Can D.F. = 1.49

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	3.7	ND	1.8	
75-01-4	Vinyl Chloride	ND	3.7	ND	1.5	
74-83-9	Bromomethane	ND	3.7	ND	0.96	
75-00-3	Chloroethane	ND	3.7	ND	1.4	
67-64-1	Acetone	ND	19	ND	7.8	
75-69-4	Trichlorofluoromethane	ND	3.7	ND	0.66	
75-35-4	1,1-Dichloroethene	ND	3.7	ND	0.94	
75-09-2	Methylene chloride	ND	3.7	ND	1.1	
76-13-1	Trichlorotrifluoroethane	ND	3.7	ND	0.49	
75-15-0	Carbon Disulfide	ND	3.7	ND	1.2	
156-60-5	trans-1,2-Dichloroethene	ND	3.7	ND	0.94	
75-34-3	1,1-Dichloroethane	ND	3.7	ND	0.92	
1634-04-4	Methyl tert-Butyl Ether	ND	3.7	ND	1.0	
108-05-4	Vinyl Acetate	ND	3.7	ND	1.1	
78-93-3	2-Butanone (MEK)	**7.6**	3.7	**2.6**	1.3	
156-59-2	cis-1,2-Dichloroethene	ND	3.7	ND	0.94	
67-66-3	Chloroform	ND	3.7	ND	0.76	
107-06-2	1,2-Dichloroethane	ND	3.7	ND	0.92	
71-55-6	1,1,1-Trichloroethane	ND	3.7	ND	0.68	
71-43-2	Benzene	**290**	3.7	**90**	1.2	
56-23-5	Carbon Tetrachloride	ND	3.7	ND	0.59	
78-87-5	1,2-Dichloropropane	ND	3.7	ND	0.81	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-61-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-004

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00329

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -2.5 Pf 1 = 3.5

Can D.F. = 1.49

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	3.7	ND	0.56	
79-01-6	Trichloroethene	**4.6**	3.7	**0.86**	0.69	
10061-01-5	cis-1,3-Dichloropropene	ND	3.7	ND	0.82	
108-10-1	4-Methyl-2-pentanone	ND	3.7	ND	0.91	
10061-02-6	trans-1,3-Dichloropropene	ND	3.7	ND	0.82	
79-00-5	1,1,2-Trichloroethane	ND	3.7	ND	0.68	
108-88-3	Toluene	**51**	3.7	**13**	0.99	
591-78-6	2-Hexanone	**5.1**	3.7	**1.2**	0.91	
124-48-1	Dibromochloromethane	ND	3.7	ND	0.44	
106-93-4	1,2-Dibromoethane	ND	3.7	ND	0.48	
127-18-4	Tetrachloroethene	**32**	3.7	**4.7**	0.55	
108-90-7	Chlorobenzene	ND	3.7	ND	0.81	
100-41-4	Ethylbenzene	**12**	3.7	**2.7**	0.86	
179601-23-1	*m,p*-Xylenes	**50**	3.7	**11**	0.86	
75-25-2	Bromoform	ND	3.7	ND	0.36	
100-42-5	Styrene	ND	3.7	ND	0.88	
95-47-6	o-Xylene	**15**	3.7	**3.5**	0.86	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.7	ND	0.54	
541-73-1	1,3-Dichlorobenzene	ND	3.7	ND	0.62	
106-46-7	1,4-Dichlorobenzene	ND	3.7	ND	0.62	
95-50-1	1,2-Dichlorobenzene	ND	3.7	ND	0.62	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-61-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-004DUP

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00329

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -2.5 Pf 1 = 3.5

Can D.F. = 1.49

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	3.7	ND	1.8	
75-01-4	Vinyl Chloride	ND	3.7	ND	1.5	
74-83-9	Bromomethane	ND	3.7	ND	0.96	
75-00-3	Chloroethane	ND	3.7	ND	1.4	
67-64-1	Acetone	ND	19	ND	7.8	
75-69-4	Trichlorofluoromethane	ND	3.7	ND	0.66	
75-35-4	1,1-Dichloroethene	ND	3.7	ND	0.94	
75-09-2	Methylene chloride	ND	3.7	ND	1.1	
76-13-1	Trichlorotrifluoroethane	ND	3.7	ND	0.49	
75-15-0	Carbon Disulfide	ND	3.7	ND	1.2	
156-60-5	trans-1,2-Dichloroethene	ND	3.7	ND	0.94	
75-34-3	1,1-Dichloroethane	ND	3.7	ND	0.92	
1634-04-4	Methyl tert-Butyl Ether	ND	3.7	ND	1.0	
108-05-4	Vinyl Acetate	ND	3.7	ND	1.1	
78-93-3	2-Butanone (MEK)	**8.0**	3.7	**2.7**	1.3	
156-59-2	cis-1,2-Dichloroethene	ND	3.7	ND	0.94	
67-66-3	Chloroform	ND	3.7	ND	0.76	
107-06-2	1,2-Dichloroethane	ND	3.7	ND	0.92	
71-55-6	1,1,1-Trichloroethane	ND	3.7	ND	0.68	
71-43-2	Benzene	**290**	3.7	**92**	1.2	
56-23-5	Carbon Tetrachloride	ND	3.7	ND	0.59	
78-87-5	1,2-Dichloropropane	ND	3.7	ND	0.81	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-61-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-004DUP

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00329

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -2.5 Pf 1 = 3.5

Can D.F. = 1.49

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	3.7	ND	0.56	
79-01-6	Trichloroethene	**4.9**	3.7	**0.90**	0.69	
10061-01-5	cis-1,3-Dichloropropene	ND	3.7	ND	0.82	
108-10-1	4-Methyl-2-pentanone	ND	3.7	ND	0.91	
10061-02-6	trans-1,3-Dichloropropene	ND	3.7	ND	0.82	
79-00-5	1,1,2-Trichloroethane	ND	3.7	ND	0.68	
108-88-3	Toluene	**55**	3.7	**15**	0.99	
591-78-6	2-Hexanone	**5.0**	3.7	**1.2**	0.91	
124-48-1	Dibromochloromethane	ND	3.7	ND	0.44	
106-93-4	1,2-Dibromoethane	ND	3.7	ND	0.48	
127-18-4	Tetrachloroethene	**35**	3.7	**5.2**	0.55	
108-90-7	Chlorobenzene	ND	3.7	ND	0.81	
100-41-4	Ethylbenzene	**13**	3.7	**2.9**	0.86	
179601-23-1	*m,p* -Xylenes	**53**	3.7	**12**	0.86	
75-25-2	Bromoform	ND	3.7	ND	0.36	
100-42-5	Styrene	ND	3.7	ND	0.88	
95-47-6	o-Xylene	**16**	3.7	**3.7**	0.86	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.7	ND	0.54	
541-73-1	1,3-Dichlorobenzene	ND	3.7	ND	0.62	
106-46-7	1,4-Dichlorobenzene	ND	3.7	ND	0.62	
95-50-1	1,2-Dichlorobenzene	ND	3.7	ND	0.62	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-61-I-3-20-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-005

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00887

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.4	ND	0.70	
75-01-4	Vinyl Chloride	ND	1.4	ND	0.56	
74-83-9	Bromomethane	ND	1.4	ND	0.37	
75-00-3	Chloroethane	ND	1.4	ND	0.55	
67-64-1	Acetone	**8.3**	7.2	**3.5**	3.0	
75-69-4	Trichlorofluoromethane	**6.1**	1.4	**1.1**	0.26	
75-35-4	1,1-Dichloroethene	ND	1.4	ND	0.36	
75-09-2	Methylene chloride	ND	1.4	ND	0.41	
76-13-1	Trichlorotrifluoroethane	ND	1.4	ND	0.19	
75-15-0	Carbon Disulfide	**1.9**	1.4	**0.60**	0.46	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	ND	0.36	
75-34-3	1,1-Dichloroethane	**17**	1.4	**4.2**	0.36	
1634-04-4	Methyl tert-Butyl Ether	ND	1.4	ND	0.40	
108-05-4	Vinyl Acetate	ND	1.4	ND	0.41	
78-93-3	2-Butanone (MEK)	**2.0**	1.4	**0.69**	0.49	
156-59-2	cis-1,2-Dichloroethene	**3.6**	1.4	**0.90**	0.36	
67-66-3	Chloroform	**2.7**	1.4	**0.56**	0.29	
107-06-2	1,2-Dichloroethane	ND	1.4	ND	0.36	
71-55-6	1,1,1-Trichloroethane	ND	1.4	ND	0.26	
71-43-2	Benzene	**34**	1.4	**11**	0.45	
56-23-5	Carbon Tetrachloride	ND	1.4	ND	0.23	
78-87-5	1,2-Dichloropropane	**5.5**	1.4	**1.2**	0.31	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rec Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-61-I-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-005

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00887

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.4	ND	0.22	
79-01-6	Trichloroethene	**2.5**	1.4	**0.46**	0.27	
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	ND	0.32	
108-10-1	4-Methyl-2-pentanone	ND	1.4	ND	0.35	
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	ND	0.32	
79-00-5	1,1,2-Trichloroethane	ND	1.4	ND	0.26	
108-88-3	Toluene	**20**	1.4	**5.3**	0.38	
591-78-6	2-Hexanone	**1.4**	1.4	**0.35**	0.35	
124-48-1	Dibromochloromethane	ND	1.4	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.4	ND	0.19	
127-18-4	Tetrachloroethene	**27**	1.4	**3.9**	0.21	
108-90-7	Chlorobenzene	ND	1.4	ND	0.31	
100-41-4	Ethylbenzene	**5.7**	1.4	**1.3**	0.33	
179601-23-1	*m,p* -Xylenes	**27**	1.4	**6.1**	0.33	
75-25-2	Bromoform	ND	1.4	ND	0.14	
100-42-5	Styrene	**1.7**	1.4	**0.39**	0.34	
95-47-6	o-Xylene	**8.5**	1.4	**1.9**	0.33	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	ND	0.21	
541-73-1	1,3-Dichlorobenzene	ND	1.4	ND	0.24	
106-46-7	1,4-Dichlorobenzene	ND	1.4	ND	0.24	
95-50-1	1,2-Dichlorobenzene	ND	1.4	ND	0.24	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-61-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-006

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00854

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.7 Pf 1 = 3.5

Can D.F. = 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.74	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.59	
74-83-9	Bromomethane	ND	1.5	ND	0.39	
75-00-3	Chloroethane	ND	1.5	ND	0.58	
67-64-1	Acetone	ND	7.6	ND	3.2	
75-69-4	Trichlorofluoromethane	**3.6**	1.5	**0.64**	0.27	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.38	
75-09-2	Methylene chloride	ND	1.5	ND	0.44	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.20	
75-15-0	Carbon Disulfide	**7.0**	1.5	**2.2**	0.49	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.38	
75-34-3	1,1-Dichloroethane	**23**	1.5	**5.6**	0.38	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.42	
108-05-4	Vinyl Acetate	ND	1.5	ND	0.43	
78-93-3	2-Butanone (MEK)	ND	1.5	ND	0.52	
156-59-2	cis-1,2-Dichloroethene	**2.9**	1.5	**0.72**	0.38	
67-66-3	Chloroform	**2.9**	1.5	**0.60**	0.31	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.38	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.28	
71-43-2	Benzene	**39**	1.5	**12**	0.48	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	**2.3**	1.5	**0.49**	0.33	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc. Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-61-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-006

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00854

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.7 Pf 1 = 3.5

Can D.F. = 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.23	
79-01-6	Trichloroethene	**3.0**	1.5	**0.55**	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.37	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.28	
108-88-3	Toluene	**10**	1.5	**2.7**	0.40	
591-78-6	2-Hexanone	**1.9**	1.5	**0.47**	0.37	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.18	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.20	
127-18-4	Tetrachloroethene	**22**	1.5	**3.3**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.33	
100-41-4	Ethylbenzene	**2.7**	1.5	**0.63**	0.35	
179601-23-1	*m,p*-Xylenes	**12**	1.5	**2.8**	0.35	
75-25-2	Bromoform	ND	1.5	ND	0.15	
100-42-5	Styrene	ND	1.5	ND	0.36	
95-47-6	o-Xylene	**3.9**	1.5	**0.91**	0.35	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-29-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-007

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00796

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5
Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.72	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.58	
74-83-9	Bromomethane	ND	1.5	ND	0.38	
75-00-3	Chloroethane	ND	1.5	ND	0.56	
67-64-1	Acetone	**14**	7.4	**5.8**	3.1	
75-69-4	Trichlorofluoromethane	**1.5**	1.5	**0.27**	0.26	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.37	
75-09-2	Methylene chloride	ND	1.5	ND	0.43	
76-13-1	Trichlorotrifluoroethane	**2.9**	1.5	**0.37**	0.19	
75-15-0	Carbon Disulfide	**1.5**	1.5	**0.49**	0.48	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.37	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.37	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.41	
108-05-4	Vinyl Acetate	**1.8**	1.5	**0.51**	0.42	
78-93-3	2-Butanone (MEK)	**5.0**	1.5	**1.7**	0.50	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.37	
67-66-3	Chloroform	ND	1.5	ND	0.30	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.37	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.27	
71-43-2	Benzene	**200**	1.5	**64**	0.46	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-29-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-007

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00796

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.22	
79-01-6	Trichloroethene	**3.1**	1.5	**0.58**	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.36	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.27	
108-88-3	Toluene	**13**	1.5	**3.5**	0.39	
591-78-6	2-Hexanone	**3.6**	1.5	**0.88**	0.36	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.19	
127-18-4	Tetrachloroethene	**21**	1.5	**3.1**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.32	
100-41-4	Ethylbenzene	**2.2**	1.5	**0.50**	0.34	
179601-23-1	*m,p*-Xylenes	**7.6**	1.5	**1.8**	0.34	
75-25-2	Bromoform	ND	1.5	ND	0.14	
100-42-5	Styrene	ND	1.5	ND	0.35	
95-47-6	o-Xylene	**2.3**	1.5	**0.52**	0.34	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-29-I-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-008

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00787

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.8 Pf 1 = 3.5

Can D.F. = 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.74	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.60	
74-83-9	Bromomethane	ND	1.5	ND	0.39	
75-00-3	Chloroethane	ND	1.5	ND	0.58	
67-64-1	Acetone	ND	7.7	ND	3.2	
75-69-4	Trichlorofluoromethane	**2.8**	1.5	**0.49**	0.27	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.39	
75-09-2	Methylene chloride	ND	1.5	ND	0.44	
76-13-1	Trichlorotrifluoroethane	**27**	1.5	**3.5**	0.20	
75-15-0	Carbon Disulfide	**2.5**	1.5	**0.79**	0.49	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.39	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.38	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.42	
108-05-4	Vinyl Acetate	ND	1.5	ND	0.43	
78-93-3	2-Butanone (MEK)	ND	1.5	ND	0.52	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.39	
67-66-3	Chloroform	ND	1.5	ND	0.31	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.38	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.28	
71-43-2	Benzene	**29**	1.5	**9.2**	0.48	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.33	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rec Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-29-I-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-008

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00787

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.8 Pf 1 = 3.5

Can D.F. = 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.23	
79-01-6	Trichloroethene	ND	1.5	ND	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.34	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.37	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.34	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.28	
108-88-3	Toluene	**3.5**	1.5	**0.94**	0.41	
591-78-6	2-Hexanone	ND	1.5	ND	0.37	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.18	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.20	
127-18-4	Tetrachloroethene	**23**	1.5	**3.4**	0.23	
108-90-7	Chlorobenzene	ND	1.5	ND	0.33	
100-41-4	Ethylbenzene	ND	1.5	ND	0.35	
179601-23-1	*m,p*-Xylenes	**4.9**	1.5	**1.1**	0.35	
75-25-2	Bromoform	ND	1.5	ND	0.15	
100-42-5	Styrene	ND	1.5	ND	0.36	
95-47-6	o-Xylene	**1.7**	1.5	**0.39**	0.35	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-29-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-009

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00616

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.72	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.58	
74-83-9	Bromomethane	ND	1.5	ND	0.38	
75-00-3	Chloroethane	ND	1.5	ND	0.56	
67-64-1	Acetone	ND	7.4	ND	3.1	
75-69-4	Trichlorofluoromethane	**6.5**	1.5	**1.2**	0.26	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.37	
75-09-2	Methylene chloride	ND	1.5	ND	0.43	
76-13-1	Trichlorotrifluoroethane	**43**	1.5	**5.6**	0.19	
75-15-0	Carbon Disulfide	**1.8**	1.5	**0.57**	0.48	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.37	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.37	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.41	
108-05-4	Vinyl Acetate	ND	1.5	ND	0.42	
78-93-3	2-Butanone (MEK)	ND	1.5	ND	0.50	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.37	
67-66-3	Chloroform	**6.3**	1.5	**1.3**	0.30	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.37	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.27	
71-43-2	Benzene	**11**	1.5	**3.3**	0.46	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rec Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-29-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-009

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00616

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.22	
79-01-6	Trichloroethene	**4.8**	1.5	**0.89**	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.36	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.27	
108-88-3	Toluene	**14**	1.5	**3.8**	0.39	
591-78-6	2-Hexanone	ND	1.5	ND	0.36	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.19	
127-18-4	Tetrachloroethene	**61**	1.5	**9.0**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.32	
100-41-4	Ethylbenzene	**4.9**	1.5	**1.1**	0.34	
179601-23-1	*m,p*-Xylenes	**23**	1.5	**5.2**	0.34	
75-25-2	Bromoform	ND	1.5	ND	0.14	
100-42-5	Styrene	**1.6**	1.5	**0.37**	0.35	
95-47-6	o-Xylene	**7.3**	1.5	**1.7**	0.34	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rcr Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-49-S-3-15-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-010

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00136

Date Collected: 3/15/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07
Volume(s) Analyzed: 0.50 Liter(s)

Pi 1 = -2.9 Pf 1 = 3.5

Can D.F. = 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	3.1	ND	1.5	
75-01-4	Vinyl Chloride	ND	3.1	ND	1.2	
74-83-9	Bromomethane	ND	3.1	ND	0.79	
75-00-3	Chloroethane	ND	3.1	ND	1.2	
67-64-1	Acetone	**22**	15	**9.2**	6.5	
75-69-4	Trichlorofluoromethane	ND	3.1	ND	0.55	
75-35-4	1,1-Dichloroethene	ND	3.1	ND	0.78	
75-09-2	Methylene chloride	ND	3.1	ND	0.89	
76-13-1	Trichlorotrifluoroethane	ND	3.1	ND	0.40	
75-15-0	Carbon Disulfide	ND	3.1	ND	0.99	
156-60-5	trans-1,2-Dichloroethene	ND	3.1	ND	0.78	
75-34-3	1,1-Dichloroethane	ND	3.1	ND	0.76	
1634-04-4	Methyl tert-Butyl Ether	ND	3.1	ND	0.85	
108-05-4	Vinyl Acetate	ND	3.1	ND	0.88	
78-93-3	2-Butanone (MEK)	**7.2**	3.1	**2.4**	1.0	
156-59-2	cis-1,2-Dichloroethene	ND	3.1	ND	0.78	
67-66-3	Chloroform	ND	3.1	ND	0.63	
107-06-2	1,2-Dichloroethane	ND	3.1	ND	0.76	
71-55-6	1,1,1-Trichloroethane	ND	3.1	ND	0.56	
71-43-2	Benzene	**110**	3.1	**34**	0.96	
56-23-5	Carbon Tetrachloride	ND	3.1	ND	0.49	
78-87-5	1,2-Dichloropropane	ND	3.1	ND	0.67	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-49-S-3-15-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-010

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00136

Date Collected: 3/15/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07
Volume(s) Analyzed: 0.50 Liter(s)

Pi 1 = -2.9 Pf 1 = 3.5

Can D.F. = 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	3.1	ND	0.46	
79-01-6	Trichloroethene	**33**	3.1	**6.1**	0.57	
10061-01-5	cis-1,3-Dichloropropene	ND	3.1	ND	0.68	
108-10-1	4-Methyl-2-pentanone	ND	3.1	ND	0.75	
10061-02-6	trans-1,3-Dichloropropene	ND	3.1	ND	0.68	
79-00-5	1,1,2-Trichloroethane	ND	3.1	ND	0.56	
108-88-3	Toluene	**19**	3.1	**4.9**	0.82	
591-78-6	2-Hexanone	ND	3.1	ND	0.75	
124-48-1	Dibromochloromethane	ND	3.1	ND	0.36	
106-93-4	1,2-Dibromoethane	ND	3.1	ND	0.40	
127-18-4	Tetrachloroethene	**130**	3.1	**20**	0.45	
108-90-7	Chlorobenzene	ND	3.1	ND	0.67	
100-41-4	Ethylbenzene	**5.9**	3.1	**1.3**	0.71	
179601-23-1	*m,p*-Xylenes	**28**	3.1	**6.4**	0.71	
75-25-2	Bromoform	ND	3.1	ND	0.30	
100-42-5	Styrene	ND	3.1	ND	0.72	
95-47-6	o-Xylene	**8.8**	3.1	**2.0**	0.71	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.1	ND	0.45	
541-73-1	1,3-Dichlorobenzene	ND	3.1	ND	0.51	
106-46-7	1,4-Dichlorobenzene	ND	3.1	ND	0.51	
95-50-1	1,2-Dichlorobenzene	ND	3.1	ND	0.51	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-49-I-3-15-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-011

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00053

Date Collected: 3/15/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	16	ND	7.9	
75-01-4	Vinyl Chloride	ND	16	ND	6.4	
74-83-9	Bromomethane	ND	16	ND	4.2	
75-00-3	Chloroethane	ND	16	ND	6.2	
67-64-1	Acetone	ND	82	ND	35	
75-69-4	Trichlorofluoromethane	ND	16	ND	2.9	
75-35-4	1,1-Dichloroethene	ND	16	ND	4.1	
75-09-2	Methylene chloride	ND	16	ND	4.7	
76-13-1	Trichlorotrifluoroethane	ND	16	ND	2.1	
75-15-0	Carbon Disulfide	ND	16	ND	5.3	
156-60-5	trans-1,2-Dichloroethene	ND	16	ND	4.1	
75-34-3	1,1-Dichloroethane	ND	16	ND	4.1	
1634-04-4	Methyl tert-Butyl Ether	ND	16	ND	4.6	
108-05-4	Vinyl Acetate	ND	16	ND	4.7	
78-93-3	2-Butanone (MEK)	**21**	16	**7.3**	5.6	
156-59-2	cis-1,2-Dichloroethene	ND	16	ND	4.1	
67-66-3	Chloroform	ND	16	ND	3.4	
107-06-2	1,2-Dichloroethane	ND	16	ND	4.1	
71-55-6	1,1,1-Trichloroethane	ND	16	ND	3.0	
71-43-2	Benzene	**840**	16	**260**	5.1	
56-23-5	Carbon Tetrachloride	ND	16	ND	2.6	
78-87-5	1,2-Dichloropropane	ND	16	ND	3.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rcs Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-49-I-3-15-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-011

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00053

Date Collected: 3/15/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	16	ND	2.4	
79-01-6	Trichloroethene	**160**	16	**30**	3.1	
10061-01-5	cis-1,3-Dichloropropene	ND	16	ND	3.6	
108-10-1	4-Methyl-2-pentanone	ND	16	ND	4.0	
10061-02-6	trans-1,3-Dichloropropene	ND	16	ND	3.6	
79-00-5	1,1,2-Trichloroethane	ND	16	ND	3.0	
108-88-3	Toluene	**17**	16	**4.4**	4.4	
591-78-6	2-Hexanone	ND	16	ND	4.0	
124-48-1	Dibromochloromethane	ND	16	ND	1.9	
106-93-4	1,2-Dibromoethane	ND	16	ND	2.1	
127-18-4	Tetrachloroethene	**1,000**	16	**150**	2.4	
108-90-7	Chlorobenzene	ND	16	ND	3.6	
100-41-4	Ethylbenzene	ND	16	ND	3.8	
179601-23-1	*m,p*-Xylenes	**20**	16	**4.6**	3.8	
75-25-2	Bromoform	ND	16	ND	1.6	
100-42-5	Styrene	ND	16	ND	3.9	
95-47-6	o-Xylene	ND	16	ND	3.8	
79-34-5	1,1,2,2-Tetrachloroethane	ND	16	ND	2.4	
541-73-1	1,3-Dichlorobenzene	ND	16	ND	2.7	
106-46-7	1,4-Dichlorobenzene	ND	16	ND	2.7	
95-50-1	1,2-Dichlorobenzene	ND	16	ND	2.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rio Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-49-D-3-15-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-012

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00663

Date Collected: 3/15/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07
Volume(s) Analyzed: 0.10 Liter(s)
0.025 Liter(s)

Pi 1 = -3.3 Pf 1 = 3.5

Can D.F. = 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	16	ND	7.8	
75-01-4	Vinyl Chloride	ND	16	ND	6.3	
74-83-9	Bromomethane	ND	16	ND	4.1	
75-00-3	Chloroethane	ND	16	ND	6.1	
67-64-1	Acetone	ND	80	ND	34	
75-69-4	Trichlorofluoromethane	ND	16	ND	2.8	
75-35-4	1,1-Dichloroethene	ND	16	ND	4.0	
75-09-2	Methylene chloride	ND	16	ND	4.6	
76-13-1	Trichlorotrifluoroethane	ND	16	ND	2.1	
75-15-0	Carbon Disulfide	ND	16	ND	5.1	
156-60-5	trans-1,2-Dichloroethene	ND	16	ND	4.0	
75-34-3	1,1-Dichloroethane	ND	16	ND	4.0	
1634-04-4	Methyl tert-Butyl Ether	ND	16	ND	4.4	
108-05-4	Vinyl Acetate	ND	16	ND	4.5	
78-93-3	2-Butanone (MEK)	ND	16	ND	5.4	
156-59-2	cis-1,2-Dichloroethene	ND	16	ND	4.0	
67-66-3	Chloroform	ND	16	ND	3.3	
107-06-2	1,2-Dichloroethane	ND	16	ND	4.0	
71-55-6	1,1,1-Trichloroethane	ND	16	ND	2.9	
71-43-2	Benzene	**34**	16	**11**	5.0	
56-23-5	Carbon Tetrachloride	ND	16	ND	2.5	
78-87-5	1,2-Dichloropropane	ND	16	ND	3.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-49-D-3-15-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-012

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00663

Date Collected: 3/15/07
Date Received: 3/23/07
Date(s) Analyzed: 3/28/07
Volume(s) Analyzed: 0.10 Liter(s)
0.025 Liter(s)

Pi 1 = -3.3 Pf 1 = 3.5
Can D.F. = 1.60

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	16	ND	2.4	
79-01-6	Trichloroethene	**160**	16	**31**	3.0	
10061-01-5	cis-1,3-Dichloropropene	ND	16	ND	3.5	
108-10-1	4-Methyl-2-pentanone	ND	16	ND	3.9	
10061-02-6	trans-1,3-Dichloropropene	ND	16	ND	3.5	
79-00-5	1,1,2-Trichloroethane	ND	16	ND	2.9	
108-88-3	Toluene	**21**	16	**5.6**	4.2	
591-78-6	2-Hexanone	ND	16	ND	3.9	
124-48-1	Dibromochloromethane	ND	16	ND	1.9	
106-93-4	1,2-Dibromoethane	ND	16	ND	2.1	
127-18-4	Tetrachloroethene	**3,200**	16	**470**	2.4	
108-90-7	Chlorobenzene	ND	16	ND	3.5	
100-41-4	Ethylbenzene	ND	16	ND	3.7	
179601-23-1	*m,p* -Xylenes	**23**	16	**5.3**	3.7	
75-25-2	Bromoform	ND	16	ND	1.5	
100-42-5	Styrene	ND	16	ND	3.8	
95-47-6	o-Xylene	ND	16	ND	3.7	
79-34-5	1,1,2,2-Tetrachloroethane	ND	16	ND	2.3	
541-73-1	1,3-Dichlorobenzene	ND	16	ND	2.7	
106-46-7	1,4-Dichlorobenzene	ND	16	ND	2.7	
95-50-1	1,2-Dichlorobenzene	ND	16	ND	2.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-31-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-013

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00682

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.72	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.58	
74-83-9	Bromomethane	ND	1.5	ND	0.38	
75-00-3	Chloroethane	ND	1.5	ND	0.56	
67-64-1	Acetone	ND	7.4	ND	3.1	
75-69-4	Trichlorofluoromethane	**2.9**	1.5	**0.52**	0.26	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.37	
75-09-2	Methylene chloride	ND	1.5	ND	0.43	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.19	
75-15-0	Carbon Disulfide	**5.5**	1.5	**1.8**	0.48	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.37	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.37	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.41	
108-05-4	Vinyl Acetate	ND	1.5	ND	0.42	
78-93-3	2-Butanone (MEK)	**2.6**	1.5	**0.87**	0.50	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.37	
67-66-3	Chloroform	ND	1.5	ND	0.30	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.37	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.27	
71-43-2	Benzene	**22**	1.5	**6.9**	0.46	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-31-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-013

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00682

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.22	
79-01-6	Trichloroethene	ND	1.5	ND	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.36	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.27	
108-88-3	Toluene	**26**	1.5	**6.8**	0.39	
591-78-6	2-Hexanone	ND	1.5	ND	0.36	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.19	
127-18-4	Tetrachloroethene	**25**	1.5	**3.8**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.32	
100-41-4	Ethylbenzene	**9.4**	1.5	**2.2**	0.34	
179601-23-1	*m,p*-Xylenes	**48**	1.5	**11**	0.34	
75-25-2	Bromoform	ND	1.5	ND	0.14	
100-42-5	Styrene	**3.8**	1.5	**0.90**	0.35	
95-47-6	o-Xylene	**16**	1.5	**3.6**	0.34	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-31-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-013DUP

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00682

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.72	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.58	
74-83-9	Bromomethane	ND	1.5	ND	0.38	
75-00-3	Chloroethane	ND	1.5	ND	0.56	
67-64-1	Acetone	ND	7.4	ND	3.1	
75-69-4	Trichlorofluoromethane	**2.2**	1.5	**0.39**	0.26	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.37	
75-09-2	Methylene chloride	ND	1.5	ND	0.43	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.19	
75-15-0	Carbon Disulfide	**5.5**	1.5	**1.8**	0.48	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.37	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.37	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.41	
108-05-4	Vinyl Acetate	ND	1.5	ND	0.42	
78-93-3	2-Butanone (MEK)	**2.7**	1.5	**0.91**	0.50	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.37	
67-66-3	Chloroform	ND	1.5	ND	0.30	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.37	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.27	
71-43-2	Benzene	**22**	1.5	**7.0**	0.46	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-31-S-3-20-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-013DUP

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00682

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.22	
79-01-6	Trichloroethene	ND	1.5	ND	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.36	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.27	
108-88-3	Toluene	**26**	1.5	**6.9**	0.39	
591-78-6	2-Hexanone	ND	1.5	ND	0.36	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.19	
127-18-4	Tetrachloroethene	**26**	1.5	**3.9**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.32	
100-41-4	Ethylbenzene	**9.7**	1.5	**2.2**	0.34	
179601-23-1	*m,p*-Xylenes	**49**	1.5	**11**	0.34	
75-25-2	Bromoform	ND	1.5	ND	0.14	
100-42-5	Styrene	**3.9**	1.5	**0.92**	0.35	
95-47-6	o-Xylene	**16**	1.5	**3.7**	0.34	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-31-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-014

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00868

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.4	ND	0.70	
75-01-4	Vinyl Chloride	ND	1.4	ND	0.56	
74-83-9	Bromomethane	ND	1.4	ND	0.37	
75-00-3	Chloroethane	ND	1.4	ND	0.55	
67-64-1	Acetone	ND	7.2	ND	3.0	
75-69-4	Trichlorofluoromethane	ND	1.4	ND	0.26	
75-35-4	1,1-Dichloroethene	ND	1.4	ND	0.36	
75-09-2	Methylene chloride	ND	1.4	ND	0.41	
76-13-1	Trichlorotrifluoroethane	ND	1.4	ND	0.19	
75-15-0	Carbon Disulfide	**1.8**	1.4	**0.59**	0.46	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	ND	0.36	
75-34-3	1,1-Dichloroethane	ND	1.4	ND	0.36	
1634-04-4	Methyl tert-Butyl Ether	ND	1.4	ND	0.40	
108-05-4	Vinyl Acetate	ND	1.4	ND	0.41	
78-93-3	2-Butanone (MEK)	ND	1.4	ND	0.49	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	ND	0.36	
67-66-3	Chloroform	ND	1.4	ND	0.29	
107-06-2	1,2-Dichloroethane	ND	1.4	ND	0.36	
71-55-6	1,1,1-Trichloroethane	ND	1.4	ND	0.26	
71-43-2	Benzene	**7.8**	1.4	**2.4**	0.45	
56-23-5	Carbon Tetrachloride	ND	1.4	ND	0.23	
78-87-5	1,2-Dichloropropane	ND	1.4	ND	0.31	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rcs Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-31-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-014

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00868

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.4	ND	0.22	
79-01-6	Trichloroethene	**2.6**	1.4	**0.49**	0.27	
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	ND	0.32	
108-10-1	4-Methyl-2-pentanone	ND	1.4	ND	0.35	
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	ND	0.32	
79-00-5	1,1,2-Trichloroethane	ND	1.4	ND	0.26	
108-88-3	Toluene	**9.1**	1.4	**2.4**	0.38	
591-78-6	2-Hexanone	ND	1.4	ND	0.35	
124-48-1	Dibromochloromethane	ND	1.4	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.4	ND	0.19	
127-18-4	Tetrachloroethene	**23**	1.4	**3.3**	0.21	
108-90-7	Chlorobenzene	ND	1.4	ND	0.31	
100-41-4	Ethylbenzene	**3.0**	1.4	**0.69**	0.33	
179601-23-1	*m,p* -Xylenes	**15**	1.4	**3.4**	0.33	
75-25-2	Bromoform	ND	1.4	ND	0.14	
100-42-5	Styrene	ND	1.4	ND	0.34	
95-47-6	o-Xylene	**4.8**	1.4	**1.1**	0.33	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	ND	0.21	
541-73-1	1,3-Dichlorobenzene	ND	1.4	ND	0.24	
106-46-7	1,4-Dichlorobenzene	ND	1.4	ND	0.24	
95-50-1	1,2-Dichlorobenzene	ND	1.4	ND	0.24	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-42-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-015

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00809

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	3.6	ND	1.7	
75-01-4	Vinyl Chloride	ND	3.6	ND	1.4	
74-83-9	Bromomethane	ND	3.6	ND	0.93	
75-00-3	Chloroethane	ND	3.6	ND	1.4	
67-64-1	Acetone	ND	18	ND	7.6	
75-69-4	Trichlorofluoromethane	ND	3.6	ND	0.64	
75-35-4	1,1-Dichloroethene	ND	3.6	ND	0.91	
75-09-2	Methylene chloride	ND	3.6	ND	1.0	
76-13-1	Trichlorotrifluoroethane	ND	3.6	ND	0.47	
75-15-0	Carbon Disulfide	ND	3.6	ND	1.2	
156-60-5	trans-1,2-Dichloroethene	ND	3.6	ND	0.91	
75-34-3	1,1-Dichloroethane	ND	3.6	ND	0.89	
1634-04-4	Methyl tert-Butyl Ether	ND	3.6	ND	1.0	
108-05-4	Vinyl Acetate	ND	3.6	ND	1.0	
78-93-3	2-Butanone (MEK)	**5.7**	3.6	**1.9**	1.2	
156-59-2	cis-1,2-Dichloroethene	ND	3.6	ND	0.91	
67-66-3	Chloroform	ND	3.6	ND	0.74	
107-06-2	1,2-Dichloroethane	ND	3.6	ND	0.89	
71-55-6	1,1,1-Trichloroethane	ND	3.6	ND	0.66	
71-43-2	Benzene	**210**	3.6	**65**	1.1	
56-23-5	Carbon Tetrachloride	ND	3.6	ND	0.57	
78-87-5	1,2-Dichloropropane	ND	3.6	ND	0.78	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-42-S-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-015

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00809

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5
Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	3.6	ND	0.54	
79-01-6	Trichloroethene	ND	3.6	ND	0.67	
10061-01-5	cis-1,3-Dichloropropene	ND	3.6	ND	0.79	
108-10-1	4-Methyl-2-pentanone	ND	3.6	ND	0.88	
10061-02-6	trans-1,3-Dichloropropene	ND	3.6	ND	0.79	
79-00-5	1,1,2-Trichloroethane	ND	3.6	ND	0.66	
108-88-3	Toluene	**14**	3.6	**3.6**	0.96	
591-78-6	2-Hexanone	**4.2**	3.6	**1.0**	0.88	
124-48-1	Dibromochloromethane	ND	3.6	ND	0.42	
106-93-4	1,2-Dibromoethane	ND	3.6	ND	0.47	
127-18-4	Tetrachloroethene	**30**	3.6	**4.4**	0.53	
108-90-7	Chlorobenzene	ND	3.6	ND	0.78	
100-41-4	Ethylbenzene	ND	3.6	ND	0.83	
179601-23-1	*m,p* -Xylenes	**13**	3.6	**3.0**	0.83	
75-25-2	Bromoform	ND	3.6	ND	0.35	
100-42-5	Styrene	ND	3.6	ND	0.85	
95-47-6	o-Xylene	**4.1**	3.6	**0.94**	0.83	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.6	ND	0.52	
541-73-1	1,3-Dichlorobenzene	ND	3.6	ND	0.60	
106-46-7	1,4-Dichlorobenzene	ND	3.6	ND	0.60	
95-50-1	1,2-Dichlorobenzene	ND	3.6	ND	0.60	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-42-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-016

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00561

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.72	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.58	
74-83-9	Bromomethane	ND	1.5	ND	0.38	
75-00-3	Chloroethane	ND	1.5	ND	0.56	
67-64-1	Acetone	ND	7.4	ND	3.1	
75-69-4	Trichlorofluoromethane	ND	1.5	ND	0.26	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.37	
75-09-2	Methylene chloride	ND	1.5	ND	0.43	
76-13-1	Trichlorotrifluoroethane	**6.3**	1.5	**0.82**	0.19	
75-15-0	Carbon Disulfide	ND	1.5	ND	0.48	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.37	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.37	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.41	
108-05-4	Vinyl Acetate	**2.9**	1.5	**0.82**	0.42	
78-93-3	2-Butanone (MEK)	ND	1.5	ND	0.50	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.37	
67-66-3	Chloroform	ND	1.5	ND	0.30	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.37	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.27	
71-43-2	Benzene	**34**	1.5	**11**	0.46	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-42-D-3-20-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-016

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00561

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.22	
79-01-6	Trichloroethene	ND	1.5	ND	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.36	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.27	
108-88-3	Toluene	**25**	1.5	**6.5**	0.39	
591-78-6	2-Hexanone	**1.7**	1.5	**0.41**	0.36	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.19	
127-18-4	Tetrachloroethene	**15**	1.5	**2.2**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.32	
100-41-4	Ethylbenzene	**6.8**	1.5	**1.6**	0.34	
179601-23-1	*m,p*-Xylenes	**32**	1.5	**7.4**	0.34	
75-25-2	Bromoform	ND	1.5	ND	0.14	
100-42-5	Styrene	**2.5**	1.5	**0.58**	0.35	
95-47-6	o-Xylene	**9.9**	1.5	**2.3**	0.34	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-42-D-3-20-07-SC**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-017

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00853

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.72	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.58	
74-83-9	Bromomethane	ND	1.5	ND	0.38	
75-00-3	Chloroethane	ND	1.5	ND	0.56	
67-64-1	Acetone	ND	7.4	ND	3.1	
75-69-4	Trichlorofluoromethane	ND	1.5	ND	0.26	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.37	
75-09-2	Methylene chloride	ND	1.5	ND	0.43	
76-13-1	Trichlorotrifluoroethane	**6.3**	1.5	**0.82**	0.19	
75-15-0	Carbon Disulfide	**2.3**	1.5	**0.75**	0.48	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.37	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.37	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.41	
108-05-4	Vinyl Acetate	**2.2**	1.5	**0.61**	0.42	
78-93-3	2-Butanone (MEK)	**2.0**	1.5	**0.68**	0.50	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.37	
67-66-3	Chloroform	ND	1.5	ND	0.30	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.37	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.27	
71-43-2	Benzene	**51**	1.5	**16**	0.46	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-42-D-3-20-07-SC**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-017

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00853

Date Collected: 3/20/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.22	
79-01-6	Trichloroethene	ND	1.5	ND	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.36	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.27	
108-88-3	Toluene	**14**	1.5	**3.6**	0.39	
591-78-6	2-Hexanone	**2.2**	1.5	**0.53**	0.36	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.19	
127-18-4	Tetrachloroethene	**13**	1.5	**2.0**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.32	
100-41-4	Ethylbenzene	**2.7**	1.5	**0.63**	0.34	
179601-23-1	*m,p*-Xylenes	**11**	1.5	**2.5**	0.34	
75-25-2	Bromoform	ND	1.5	ND	0.14	
100-42-5	Styrene	ND	1.5	ND	0.35	
95-47-6	o-Xylene	**3.4**	1.5	**0.78**	0.34	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rec Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-41-S-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-018

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00060

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.6 Pf 1 = 3.5

Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.73	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.59	
74-83-9	Bromomethane	ND	1.5	ND	0.39	
75-00-3	Chloroethane	ND	1.5	ND	0.57	
67-64-1	Acetone	ND	7.5	ND	3.2	
75-69-4	Trichlorofluoromethane	ND	1.5	ND	0.27	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.38	
75-09-2	Methylene chloride	ND	1.5	ND	0.43	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.20	
75-15-0	Carbon Disulfide	**2.8**	1.5	**0.90**	0.48	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.38	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.37	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.42	
108-05-4	Vinyl Acetate	ND	1.5	ND	0.43	
78-93-3	2-Butanone (MEK)	**1.5**	1.5	**0.52**	0.51	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.38	
67-66-3	Chloroform	ND	1.5	ND	0.31	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.37	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.28	
71-43-2	Benzene	**8.5**	1.5	**2.7**	0.47	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-41-S-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-018

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00060

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.6 Pf 1 = 3.5

Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.22	
79-01-6	Trichloroethene	**2.4**	1.5	**0.45**	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.37	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.28	
108-88-3	Toluene	**14**	1.5	**3.7**	0.40	
591-78-6	2-Hexanone	ND	1.5	ND	0.37	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.18	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.20	
127-18-4	Tetrachloroethene	**55**	1.5	**8.1**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.33	
100-41-4	Ethylbenzene	**3.5**	1.5	**0.79**	0.35	
179601-23-1	*m,p*-Xylenes	**15**	1.5	**3.5**	0.35	
75-25-2	Bromoform	ND	1.5	ND	0.15	
100-42-5	Styrene	ND	1.5	ND	0.35	
95-47-6	o-Xylene	**4.6**	1.5	**1.0**	0.35	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-41-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-019

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00758

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -2.3 Pf 1 = 3.5

Can D.F. = 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	3.7	ND	1.8	
75-01-4	Vinyl Chloride	ND	3.7	ND	1.4	
74-83-9	Bromomethane	ND	3.7	ND	0.95	
75-00-3	Chloroethane	ND	3.7	ND	1.4	
67-64-1	Acetone	ND	18	ND	7.7	
75-69-4	Trichlorofluoromethane	ND	3.7	ND	0.65	
75-35-4	1,1-Dichloroethene	ND	3.7	ND	0.93	
75-09-2	Methylene chloride	ND	3.7	ND	1.1	
76-13-1	Trichlorotrifluoroethane	ND	3.7	ND	0.48	
75-15-0	Carbon Disulfide	ND	3.7	ND	1.2	
156-60-5	trans-1,2-Dichloroethene	ND	3.7	ND	0.93	
75-34-3	1,1-Dichloroethane	ND	3.7	ND	0.91	
1634-04-4	Methyl tert-Butyl Ether	ND	3.7	ND	1.0	
108-05-4	Vinyl Acetate	ND	3.7	ND	1.0	
78-93-3	2-Butanone (MEK)	**5.8**	3.7	**2.0**	1.2	
156-59-2	cis-1,2-Dichloroethene	ND	3.7	ND	0.93	
67-66-3	Chloroform	ND	3.7	ND	0.75	
107-06-2	1,2-Dichloroethane	ND	3.7	ND	0.91	
71-55-6	1,1,1-Trichloroethane	ND	3.7	ND	0.67	
71-43-2	Benzene	**210**	3.7	**64**	1.2	
56-23-5	Carbon Tetrachloride	ND	3.7	ND	0.58	
78-87-5	1,2-Dichloropropane	ND	3.7	ND	0.80	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-41-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-019

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00758

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -2.3 Pf 1 = 3.5

Can D.F. = 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	3.7	ND	0.55	
79-01-6	Trichloroethene	ND	3.7	ND	0.68	
10061-01-5	cis-1,3-Dichloropropene	ND	3.7	ND	0.81	
108-10-1	4-Methyl-2-pentanone	ND	3.7	ND	0.90	
10061-02-6	trans-1,3-Dichloropropene	ND	3.7	ND	0.81	
79-00-5	1,1,2-Trichloroethane	ND	3.7	ND	0.67	
108-88-3	Toluene	**6.6**	3.7	**1.7**	0.98	
591-78-6	2-Hexanone	ND	3.7	ND	0.90	
124-48-1	Dibromochloromethane	ND	3.7	ND	0.43	
106-93-4	1,2-Dibromoethane	ND	3.7	ND	0.48	
127-18-4	Tetrachloroethene	**31**	3.7	**4.6**	0.54	
108-90-7	Chlorobenzene	ND	3.7	ND	0.80	
100-41-4	Ethylbenzene	ND	3.7	ND	0.85	
179601-23-1	*m,p*-Xylenes	**5.1**	3.7	**1.2**	0.85	
75-25-2	Bromoform	ND	3.7	ND	0.36	
100-42-5	Styrene	ND	3.7	ND	0.86	
95-47-6	o-Xylene	ND	3.7	ND	0.85	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.7	ND	0.54	
541-73-1	1,3-Dichlorobenzene	ND	3.7	ND	0.61	
106-46-7	1,4-Dichlorobenzene	ND	3.7	ND	0.61	
95-50-1	1,2-Dichlorobenzene	ND	3.7	ND	0.61	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-41-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-019DUP

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00758

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -2.3 Pf 1 = 3.5

Can D.F. = 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	3.7	ND	1.8	
75-01-4	Vinyl Chloride	ND	3.7	ND	1.4	
74-83-9	Bromomethane	ND	3.7	ND	0.95	
75-00-3	Chloroethane	ND	3.7	ND	1.4	
67-64-1	Acetone	ND	18	ND	7.7	
75-69-4	Trichlorofluoromethane	ND	3.7	ND	0.65	
75-35-4	1,1-Dichloroethene	ND	3.7	ND	0.93	
75-09-2	Methylene chloride	ND	3.7	ND	1.1	
76-13-1	Trichlorotrifluoroethane	ND	3.7	ND	0.48	
75-15-0	Carbon Disulfide	ND	3.7	ND	1.2	
156-60-5	trans-1,2-Dichloroethene	ND	3.7	ND	0.93	
75-34-3	1,1-Dichloroethane	ND	3.7	ND	0.91	
1634-04-4	Methyl tert-Butyl Ether	ND	3.7	ND	1.0	
108-05-4	Vinyl Acetate	ND	3.7	ND	1.0	
78-93-3	2-Butanone (MEK)	**6.4**	3.7	**2.2**	1.2	
156-59-2	cis-1,2-Dichloroethene	ND	3.7	ND	0.93	
67-66-3	Chloroform	ND	3.7	ND	0.75	
107-06-2	1,2-Dichloroethane	ND	3.7	ND	0.91	
71-55-6	1,1,1-Trichloroethane	ND	3.7	ND	0.67	
71-43-2	Benzene	**210**	3.7	**66**	1.2	
56-23-5	Carbon Tetrachloride	ND	3.7	ND	0.58	
78-87-5	1,2-Dichloropropane	ND	3.7	ND	0.80	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-41-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-019DUP

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00758

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -2.3 Pf 1 = 3.5

Can D.F. = 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	3.7	ND	0.55	
79-01-6	Trichloroethene	ND	3.7	ND	0.68	
10061-01-5	cis-1,3-Dichloropropene	ND	3.7	ND	0.81	
108-10-1	4-Methyl-2-pentanone	ND	3.7	ND	0.90	
10061-02-6	trans-1,3-Dichloropropene	ND	3.7	ND	0.81	
79-00-5	1,1,2-Trichloroethane	ND	3.7	ND	0.67	
108-88-3	Toluene	**6.8**	3.7	**1.8**	0.98	
591-78-6	2-Hexanone	ND	3.7	ND	0.90	
124-48-1	Dibromochloromethane	ND	3.7	ND	0.43	
106-93-4	1,2-Dibromoethane	ND	3.7	ND	0.48	
127-18-4	Tetrachloroethene	**33**	3.7	**4.8**	0.54	
108-90-7	Chlorobenzene	ND	3.7	ND	0.80	
100-41-4	Ethylbenzene	ND	3.7	ND	0.85	
179601-23-1	*m,p*-Xylenes	**5.3**	3.7	**1.2**	0.85	
75-25-2	Bromoform	ND	3.7	ND	0.36	
100-42-5	Styrene	ND	3.7	ND	0.86	
95-47-6	o-Xylene	ND	3.7	ND	0.85	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.7	ND	0.54	
541-73-1	1,3-Dichlorobenzene	ND	3.7	ND	0.61	
106-46-7	1,4-Dichlorobenzene	ND	3.7	ND	0.61	
95-50-1	1,2-Dichlorobenzene	ND	3.7	ND	0.61	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rcr Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-51-S-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-020

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00819

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.7 Pf 1 = 3.5

Can D.F. = 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.74	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.59	
74-83-9	Bromomethane	ND	1.5	ND	0.39	
75-00-3	Chloroethane	ND	1.5	ND	0.58	
67-64-1	Acetone	**8.5**	7.6	**3.6**	3.2	
75-69-4	Trichlorofluoromethane	ND	1.5	ND	0.27	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.38	
75-09-2	Methylene chloride	ND	1.5	ND	0.44	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.20	
75-15-0	Carbon Disulfide	ND	1.5	ND	0.49	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.38	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.38	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.42	
108-05-4	Vinyl Acetate	ND	1.5	ND	0.43	
78-93-3	2-Butanone (MEK)	ND	1.5	ND	0.52	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.38	
67-66-3	Chloroform	ND	1.5	ND	0.31	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.38	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.28	
71-43-2	Benzene	**14**	1.5	**4.5**	0.48	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.33	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-51-S-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-020

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00819

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.7 Pf 1 = 3.5
Can D.F. = 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.23	
79-01-6	Trichloroethene	**3.8**	1.5	**0.71**	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.37	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.28	
108-88-3	Toluene	**13**	1.5	**3.4**	0.40	
591-78-6	2-Hexanone	ND	1.5	ND	0.37	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.18	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.20	
127-18-4	Tetrachloroethene	**26**	1.5	**3.9**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.33	
100-41-4	Ethylbenzene	**3.5**	1.5	**0.81**	0.35	
179601-23-1	*m,p*-Xylenes	**15**	1.5	**3.4**	0.35	
75-25-2	Bromoform	ND	1.5	ND	0.15	
100-42-5	Styrene	ND	1.5	ND	0.36	
95-47-6	o-Xylene	**5.0**	1.5	**1.1**	0.35	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rec Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-51-I-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-021

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00548

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.4 Pf 1 = 3.5

Can D.F. = 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.6	ND	0.78	
75-01-4	Vinyl Chloride	ND	1.6	ND	0.63	
74-83-9	Bromomethane	ND	1.6	ND	0.41	
75-00-3	Chloroethane	ND	1.6	ND	0.61	
67-64-1	Acetone	**36**	8.1	**15**	3.4	
75-69-4	Trichlorofluoromethane	ND	1.6	ND	0.29	
75-35-4	1,1-Dichloroethene	ND	1.6	ND	0.41	
75-09-2	Methylene chloride	ND	1.6	ND	0.46	
76-13-1	Trichlorotrifluoroethane	ND	1.6	ND	0.21	
75-15-0	Carbon Disulfide	ND	1.6	ND	0.52	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	ND	0.41	
75-34-3	1,1-Dichloroethane	ND	1.6	ND	0.40	
1634-04-4	Methyl tert-Butyl Ether	ND	1.6	ND	0.45	
108-05-4	Vinyl Acetate	ND	1.6	ND	0.46	
78-93-3	2-Butanone (MEK)	**4.6**	1.6	**1.6**	0.55	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	ND	0.41	
67-66-3	Chloroform	ND	1.6	ND	0.33	
107-06-2	1,2-Dichloroethane	ND	1.6	ND	0.40	
71-55-6	1,1,1-Trichloroethane	ND	1.6	ND	0.30	
71-43-2	Benzene	**55**	1.6	**17**	0.50	
56-23-5	Carbon Tetrachloride	ND	1.6	ND	0.26	
78-87-5	1,2-Dichloropropane	ND	1.6	ND	0.35	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-51-I-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-021

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00548

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.4 Pf 1 = 3.5

Can D.F. = 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.6	ND	0.24	
79-01-6	Trichloroethene	ND	1.6	ND	0.30	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	ND	0.35	
108-10-1	4-Methyl-2-pentanone	ND	1.6	ND	0.39	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	ND	0.35	
79-00-5	1,1,2-Trichloroethane	ND	1.6	ND	0.30	
108-88-3	Toluene	**8.5**	1.6	**2.3**	0.43	
591-78-6	2-Hexanone	ND	1.6	ND	0.39	
124-48-1	Dibromochloromethane	ND	1.6	ND	0.19	
106-93-4	1,2-Dibromoethane	ND	1.6	ND	0.21	
127-18-4	Tetrachloroethene	**2.9**	1.6	**0.43**	0.24	
108-90-7	Chlorobenzene	ND	1.6	ND	0.35	
100-41-4	Ethylbenzene	**1.8**	1.6	**0.41**	0.37	
179601-23-1	*m,p* -Xylenes	**6.7**	1.6	**1.5**	0.37	
75-25-2	Bromoform	ND	1.6	ND	0.16	
100-42-5	Styrene	ND	1.6	ND	0.38	
95-47-6	o-Xylene	**2.2**	1.6	**0.50**	0.37	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	ND	0.23	
541-73-1	1,3-Dichlorobenzene	ND	1.6	ND	0.27	
106-46-7	1,4-Dichlorobenzene	ND	1.6	ND	0.27	
95-50-1	1,2-Dichlorobenzene	ND	1.6	ND	0.27	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RCr Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-51-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-022

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00153

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 0.040 Liter(s)

Pi 1 = -3.4 Pf 1 = 3.5

Can D.F. = 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	40	ND	19	
75-01-4	Vinyl Chloride	ND	40	ND	16	
74-83-9	Bromomethane	ND	40	ND	10	
75-00-3	Chloroethane	ND	40	ND	15	
67-64-1	Acetone	ND	200	ND	85	
75-69-4	Trichlorofluoromethane	ND	40	ND	7.2	
75-35-4	1,1-Dichloroethene	ND	40	ND	10	
75-09-2	Methylene chloride	ND	40	ND	12	
76-13-1	Trichlorotrifluoroethane	ND	40	ND	5.3	
75-15-0	Carbon Disulfide	ND	40	ND	13	
156-60-5	trans-1,2-Dichloroethene	**190**	40	**49**	10	
75-34-3	1,1-Dichloroethane	ND	40	ND	9.9	
1634-04-4	Methyl tert-Butyl Ether	ND	40	ND	11	
108-05-4	Vinyl Acetate	ND	40	ND	11	
78-93-3	2-Butanone (MEK)	ND	40	ND	14	
156-59-2	cis-1,2-Dichloroethene	**380**	40	**97**	10	
67-66-3	Chloroform	ND	40	ND	8.2	
107-06-2	1,2-Dichloroethane	**130**	40	**31**	9.9	
71-55-6	1,1,1-Trichloroethane	ND	40	ND	7.4	
71-43-2	Benzene	**240**	40	**74**	13	
56-23-5	Carbon Tetrachloride	ND	40	ND	6.4	
78-87-5	1,2-Dichloropropane	ND	40	ND	8.7	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-51-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-022

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00153

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 0.040 Liter(s)

Pi 1 = -3.4 Pf 1 = 3.5

Can D.F. = 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	40	ND	6.0	
79-01-6	Trichloroethene	**710**	40	**130**	7.5	
10061-01-5	cis-1,3-Dichloropropene	ND	40	ND	8.9	
108-10-1	4-Methyl-2-pentanone	ND	40	ND	9.8	
10061-02-6	trans-1,3-Dichloropropene	ND	40	ND	8.9	
79-00-5	1,1,2-Trichloroethane	ND	40	ND	7.4	
108-88-3	Toluene	ND	40	ND	11	
591-78-6	2-Hexanone	ND	40	ND	9.8	
124-48-1	Dibromochloromethane	ND	40	ND	4.7	
106-93-4	1,2-Dibromoethane	ND	40	ND	5.2	
127-18-4	Tetrachloroethene	**220**	40	**33**	5.9	
108-90-7	Chlorobenzene	ND	40	ND	8.7	
100-41-4	Ethylbenzene	ND	40	ND	9.3	
179601-23-1	*m,p*-Xylenes	**47**	40	**11**	9.3	
75-25-2	Bromoform	ND	40	ND	3.9	
100-42-5	Styrene	ND	40	ND	9.5	
95-47-6	o-Xylene	ND	40	ND	9.3	
79-34-5	1,1,2,2-Tetrachloroethane	ND	40	ND	5.9	
541-73-1	1,3-Dichlorobenzene	ND	40	ND	6.7	
106-46-7	1,4-Dichlorobenzene	ND	40	ND	6.7	
95-50-1	1,2-Dichlorobenzene	ND	40	ND	6.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-25-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-023

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00372

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 0.50 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	3.3	ND	1.6	
75-01-4	Vinyl Chloride	ND	3.3	ND	1.3	
74-83-9	Bromomethane	ND	3.3	ND	0.85	
75-00-3	Chloroethane	ND	3.3	ND	1.2	
67-64-1	Acetone	ND	16	ND	6.9	
75-69-4	Trichlorofluoromethane	ND	3.3	ND	0.58	
75-35-4	1,1-Dichloroethene	ND	3.3	ND	0.83	
75-09-2	Methylene chloride	ND	3.3	ND	0.94	
76-13-1	Trichlorotrifluoroethane	ND	3.3	ND	0.43	
75-15-0	Carbon Disulfide	ND	3.3	ND	1.1	
156-60-5	trans-1,2-Dichloroethene	ND	3.3	ND	0.83	
75-34-3	1,1-Dichloroethane	ND	3.3	ND	0.81	
1634-04-4	Methyl tert-Butyl Ether	ND	3.3	ND	0.91	
108-05-4	Vinyl Acetate	ND	3.3	ND	0.93	
78-93-3	2-Butanone (MEK)	**4.4**	3.3	**1.5**	1.1	
156-59-2	cis-1,2-Dichloroethene	ND	3.3	ND	0.83	
67-66-3	Chloroform	ND	3.3	ND	0.67	
107-06-2	1,2-Dichloroethane	ND	3.3	ND	0.81	
71-55-6	1,1,1-Trichloroethane	ND	3.3	ND	0.60	
71-43-2	Benzene	**91**	3.3	**29**	1.0	
56-23-5	Carbon Tetrachloride	ND	3.3	ND	0.52	
78-87-5	1,2-Dichloropropane	ND	3.3	ND	0.71	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-25-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-023

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00372

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 0.50 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	3.3	ND	0.49	
79-01-6	Trichloroethene	ND	3.3	ND	0.61	
10061-01-5	cis-1,3-Dichloropropene	ND	3.3	ND	0.72	
108-10-1	4-Methyl-2-pentanone	ND	3.3	ND	0.80	
10061-02-6	trans-1,3-Dichloropropene	ND	3.3	ND	0.72	
79-00-5	1,1,2-Trichloroethane	ND	3.3	ND	0.60	
108-88-3	Toluene	**16**	3.3	**4.4**	0.87	
591-78-6	2-Hexanone	ND	3.3	ND	0.80	
124-48-1	Dibromochloromethane	ND	3.3	ND	0.39	
106-93-4	1,2-Dibromoethane	ND	3.3	ND	0.43	
127-18-4	Tetrachloroethene	ND	3.3	ND	0.48	
108-90-7	Chlorobenzene	ND	3.3	ND	0.71	
100-41-4	Ethylbenzene	**6.1**	3.3	**1.4**	0.76	
179601-23-1	*m,p* -Xylenes	**23**	3.3	**5.3**	0.76	
75-25-2	Bromoform	ND	3.3	ND	0.32	
100-42-5	Styrene	ND	3.3	ND	0.77	
95-47-6	o-Xylene	**9.5**	3.3	**2.2**	0.76	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.3	ND	0.48	
541-73-1	1,3-Dichlorobenzene	ND	3.3	ND	0.55	
106-46-7	1,4-Dichlorobenzene	ND	3.3	ND	0.55	
95-50-1	1,2-Dichlorobenzene	ND	3.3	ND	0.55	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rcr Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-25-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-023DUP

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00372

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 0.50 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	3.3	ND	1.6	
75-01-4	Vinyl Chloride	ND	3.3	ND	1.3	
74-83-9	Bromomethane	ND	3.3	ND	0.85	
75-00-3	Chloroethane	ND	3.3	ND	1.2	
67-64-1	Acetone	ND	16	ND	6.9	
75-69-4	Trichlorofluoromethane	ND	3.3	ND	0.58	
75-35-4	1,1-Dichloroethene	ND	3.3	ND	0.83	
75-09-2	Methylene chloride	ND	3.3	ND	0.94	
76-13-1	Trichlorotrifluoroethane	ND	3.3	ND	0.43	
75-15-0	Carbon Disulfide	ND	3.3	ND	1.1	
156-60-5	trans-1,2-Dichloroethene	ND	3.3	ND	0.83	
75-34-3	1,1-Dichloroethane	ND	3.3	ND	0.81	
1634-04-4	Methyl tert-Butyl Ether	ND	3.3	ND	0.91	
108-05-4	Vinyl Acetate	ND	3.3	ND	0.93	
78-93-3	2-Butanone (MEK)	**4.4**	3.3	**1.5**	1.1	
156-59-2	cis-1,2-Dichloroethene	ND	3.3	ND	0.83	
67-66-3	Chloroform	ND	3.3	ND	0.67	
107-06-2	1,2-Dichloroethane	ND	3.3	ND	0.81	
71-55-6	1,1,1-Trichloroethane	ND	3.3	ND	0.60	
71-43-2	Benzene	**94**	3.3	**29**	1.0	
56-23-5	Carbon Tetrachloride	ND	3.3	ND	0.52	
78-87-5	1,2-Dichloropropane	ND	3.3	ND	0.71	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-25-D-3-22-07
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-023DUP

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00372

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 0.50 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	3.3	ND	0.49	
79-01-6	Trichloroethene	ND	3.3	ND	0.61	
10061-01-5	cis-1,3-Dichloropropene	ND	3.3	ND	0.72	
108-10-1	4-Methyl-2-pentanone	ND	3.3	ND	0.80	
10061-02-6	trans-1,3-Dichloropropene	ND	3.3	ND	0.72	
79-00-5	1,1,2-Trichloroethane	ND	3.3	ND	0.60	
108-88-3	Toluene	**17**	3.3	**4.5**	0.87	
591-78-6	2-Hexanone	ND	3.3	ND	0.80	
124-48-1	Dibromochloromethane	ND	3.3	ND	0.39	
106-93-4	1,2-Dibromoethane	ND	3.3	ND	0.43	
127-18-4	Tetrachloroethene	ND	3.3	ND	0.48	
108-90-7	Chlorobenzene	ND	3.3	ND	0.71	
100-41-4	Ethylbenzene	**6.1**	3.3	**1.4**	0.76	
179601-23-1	*m,p*-Xylenes	**23**	3.3	**5.4**	0.76	
75-25-2	Bromoform	ND	3.3	ND	0.32	
100-42-5	Styrene	ND	3.3	ND	0.77	
95-47-6	o-Xylene	**9.4**	3.3	**2.2**	0.76	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.3	ND	0.48	
541-73-1	1,3-Dichlorobenzene	ND	3.3	ND	0.55	
106-46-7	1,4-Dichlorobenzene	ND	3.3	ND	0.55	
95-50-1	1,2-Dichlorobenzene	ND	3.3	ND	0.55	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RO Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-30-S-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-024

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00762

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.7 Pf 1 = 3.5
Can D.F. = 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.74	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.59	
74-83-9	Bromomethane	ND	1.5	ND	0.39	
75-00-3	Chloroethane	ND	1.5	ND	0.58	
67-64-1	Acetone	**8.0**	7.6	**3.4**	3.2	
75-69-4	Trichlorofluoromethane	**18**	1.5	**3.2**	0.27	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.38	
75-09-2	Methylene chloride	ND	1.5	ND	0.44	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.20	
75-15-0	Carbon Disulfide	ND	1.5	ND	0.49	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.38	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.38	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.42	
108-05-4	Vinyl Acetate	ND	1.5	ND	0.43	
78-93-3	2-Butanone (MEK)	**1.8**	1.5	**0.61**	0.52	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.38	
67-66-3	Chloroform	ND	1.5	ND	0.31	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.38	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.28	
71-43-2	Benzene	**25**	1.5	**7.8**	0.48	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.33	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rcc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-30-S-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-024

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00762

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.7 Pf 1 = 3.5
Can D.F. = 1.52

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.23	
79-01-6	Trichloroethene	ND	1.5	ND	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.37	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.28	
108-88-3	Toluene	**8.5**	1.5	**2.2**	0.40	
591-78-6	2-Hexanone	**1.5**	1.5	**0.38**	0.37	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.18	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.20	
127-18-4	Tetrachloroethene	**110**	1.5	**17**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.33	
100-41-4	Ethylbenzene	**2.7**	1.5	**0.62**	0.35	
179601-23-1	*m,p*-Xylenes	**11**	1.5	**2.6**	0.35	
75-25-2	Bromoform	ND	1.5	ND	0.15	
100-42-5	Styrene	ND	1.5	ND	0.36	
95-47-6	o-Xylene	**3.9**	1.5	**0.91**	0.35	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ro Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-30-I-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-025

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00680

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -2.8 Pf 1 = 3.5

Can D.F. = 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.74	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.60	
74-83-9	Bromomethane	ND	1.5	ND	0.39	
75-00-3	Chloroethane	ND	1.5	ND	0.58	
67-64-1	Acetone	**8.6**	7.7	**3.6**	3.2	
75-69-4	Trichlorofluoromethane	**3.3**	1.5	**0.59**	0.27	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.39	
75-09-2	Methylene chloride	ND	1.5	ND	0.44	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.20	
75-15-0	Carbon Disulfide	ND	1.5	ND	0.49	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.39	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.38	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.42	
108-05-4	Vinyl Acetate	**1.7**	1.5	**0.48**	0.43	
78-93-3	2-Butanone (MEK)	**2.3**	1.5	**0.78**	0.52	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.39	
67-66-3	Chloroform	ND	1.5	ND	0.31	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.38	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.28	
71-43-2	Benzene	**46**	1.5	**15**	0.48	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.33	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-30-I-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-025

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00680

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -2.8 Pf 1 = 3.5
Can D.F. = 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.23	
79-01-6	Trichloroethene	**4.3**	1.5	**0.79**	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.34	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.37	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.34	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.28	
108-88-3	Toluene	**11**	1.5	**2.8**	0.41	
591-78-6	2-Hexanone	ND	1.5	ND	0.37	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.18	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.20	
127-18-4	Tetrachloroethene	**310**	1.5	**46**	0.23	
108-90-7	Chlorobenzene	ND	1.5	ND	0.33	
100-41-4	Ethylbenzene	**1.7**	1.5	**0.40**	0.35	
179601-23-1	*m,p*-Xylenes	**5.1**	1.5	**1.2**	0.35	
75-25-2	Bromoform	ND	1.5	ND	0.15	
100-42-5	Styrene	ND	1.5	ND	0.36	
95-47-6	o-Xylene	ND	1.5	ND	0.35	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-30-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-026

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00801

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -2.2 Pf 1 = 3.5
Can D.F. = 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.71	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.57	
74-83-9	Bromomethane	ND	1.5	ND	0.38	
75-00-3	Chloroethane	ND	1.5	ND	0.55	
67-64-1	Acetone	**7.8**	7.3	**3.3**	3.1	
75-69-4	Trichlorofluoromethane	**3.2**	1.5	**0.57**	0.26	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.37	
75-09-2	Methylene chloride	ND	1.5	ND	0.42	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.19	
75-15-0	Carbon Disulfide	ND	1.5	ND	0.47	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.37	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.36	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.41	
108-05-4	Vinyl Acetate	**2.1**	1.5	**0.59**	0.41	**M**
78-93-3	2-Butanone (MEK)	**2.4**	1.5	**0.80**	0.50	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.37	
67-66-3	Chloroform	ND	1.5	ND	0.30	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.36	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.27	
71-43-2	Benzene	**20**	1.5	**6.2**	0.46	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.23	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference; results may be biased high.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-30-D-3-22-07**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-026

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00801

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -2.2 Pf 1 = 3.5
Can D.F. = 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.22	
79-01-6	Trichloroethene	**4.0**	1.5	**0.74**	0.27	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.32	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.36	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.32	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.27	
108-88-3	Toluene	**11**	1.5	**3.0**	0.39	
591-78-6	2-Hexanone	ND	1.5	ND	0.36	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.19	
127-18-4	Tetrachloroethene	**210**	1.5	**31**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.32	
100-41-4	Ethylbenzene	**3.2**	1.5	**0.74**	0.34	
179601-23-1	*m,p* -Xylenes	**16**	1.5	**3.7**	0.34	
75-25-2	Bromoform	ND	1.5	ND	0.14	
100-42-5	Styrene	ND	1.5	ND	0.34	
95-47-6	o-Xylene	**5.2**	1.5	**1.2**	0.34	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.21	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.24	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.24	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.24	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-30-I-3-22-07-SC**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-027

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00083

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2 - 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.5	ND	0.72	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.58	
74-83-9	Bromomethane	ND	1.5	ND	0.38	
75-00-3	Chloroethane	ND	1.5	ND	0.56	
67-64-1	Acetone	**7.4**	7.4	**3.1**	3.1	
75-69-4	Trichlorofluoromethane	**3.4**	1.5	**0.60**	0.26	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.37	
75-09-2	Methylene chloride	ND	1.5	ND	0.43	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.19	
75-15-0	Carbon Disulfide	ND	1.5	ND	0.48	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.37	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.37	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.41	
108-05-4	Vinyl Acetate	**3.4**	1.5	**0.97**	0.42	**M**
78-93-3	2-Butanone (MEK)	**2.5**	1.5	**0.83**	0.50	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.37	
67-66-3	Chloroform	ND	1.5	ND	0.30	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.37	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.27	
71-43-2	Benzene	**64**	1.5	**20**	0.46	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.24	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.32	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference; results may be biased high.

Verified By: Rec Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-30-I-3-22-07-SC**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-027

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: SC00083

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/2 - 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

Can D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.5	ND	0.22	
79-01-6	Trichloroethene	**6.5**	1.5	**1.2**	0.28	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.33	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.36	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.33	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.27	
108-88-3	Toluene	**33**	1.5	**8.8**	0.39	
591-78-6	2-Hexanone	**2.7**	1.5	**0.65**	0.36	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.19	
127-18-4	Tetrachloroethene	**280**	1.5	**41**	0.22	
108-90-7	Chlorobenzene	ND	1.5	ND	0.32	
100-41-4	Ethylbenzene	**5.7**	1.5	**1.3**	0.34	
179601-23-1	*m,p* -Xylenes	**27**	1.5	**6.3**	0.34	
75-25-2	Bromoform	ND	1.5	ND	0.14	
100-42-5	Styrene	**1.9**	1.5	**0.44**	0.35	
95-47-6	o-Xylene	**8.0**	1.5	**1.8**	0.34	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.22	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.25	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.25	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.25	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: WDI-VW-TRIP-BLANK
Client Project ID: WDI

CAS Project ID: P2700814
CAS Sample ID: P2700814-028

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00664

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.0	ND	0.48	
75-01-4	Vinyl Chloride	ND	1.0	ND	0.39	
74-83-9	Bromomethane	ND	1.0	ND	0.26	
75-00-3	Chloroethane	ND	1.0	ND	0.38	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	1.0	ND	0.18	
75-35-4	1,1-Dichloroethene	ND	1.0	ND	0.25	
75-09-2	Methylene chloride	ND	1.0	ND	0.29	
76-13-1	Trichlorotrifluoroethane	ND	1.0	ND	0.13	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ND	0.25	
75-34-3	1,1-Dichloroethane	ND	1.0	ND	0.25	
1634-04-4	Methyl tert-Butyl Ether	ND	1.0	ND	0.28	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ND	0.25	
67-66-3	Chloroform	ND	1.0	ND	0.20	
107-06-2	1,2-Dichloroethane	ND	1.0	ND	0.25	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ND	0.18	
71-43-2	Benzene	ND	1.0	ND	0.31	
56-23-5	Carbon Tetrachloride	ND	1.0	ND	0.16	
78-87-5	1,2-Dichloropropane	ND	1.0	ND	0.22	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-TRIP-BLANK**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-028

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00664

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.0	ND	0.15	
79-01-6	Trichloroethene	ND	1.0	ND	0.19	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ND	0.22	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ND	0.22	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ND	0.18	
108-88-3	Toluene	ND	1.0	ND	0.27	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	1.0	ND	0.12	
106-93-4	1,2-Dibromoethane	ND	1.0	ND	0.13	
127-18-4	Tetrachloroethene	ND	1.0	ND	0.15	
108-90-7	Chlorobenzene	ND	1.0	ND	0.22	
100-41-4	Ethylbenzene	ND	1.0	ND	0.23	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	1.0	ND	0.097	
100-42-5	Styrene	ND	1.0	ND	0.23	
95-47-6	o-Xylene	ND	1.0	ND	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ND	0.15	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ND	0.17	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ND	0.17	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ND	0.17	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-FIELD-BLANK**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-029

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01072

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.0	ND	0.48	
75-01-4	Vinyl Chloride	ND	1.0	ND	0.39	
74-83-9	Bromomethane	ND	1.0	ND	0.26	
75-00-3	Chloroethane	ND	1.0	ND	0.38	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	1.0	ND	0.18	
75-35-4	1,1-Dichloroethene	ND	1.0	ND	0.25	
75-09-2	Methylene chloride	ND	1.0	ND	0.29	
76-13-1	Trichlorotrifluoroethane	ND	1.0	ND	0.13	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ND	0.25	
75-34-3	1,1-Dichloroethane	ND	1.0	ND	0.25	
1634-04-4	Methyl tert-Butyl Ether	ND	1.0	ND	0.28	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ND	0.25	
67-66-3	Chloroform	ND	1.0	ND	0.20	
107-06-2	1,2-Dichloroethane	ND	1.0	ND	0.25	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ND	0.18	
71-43-2	Benzene	ND	1.0	ND	0.31	
56-23-5	Carbon Tetrachloride	ND	1.0	ND	0.16	
78-87-5	1,2-Dichloropropane	ND	1.0	ND	0.22	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RLS Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **WDI-VW-FIELD-BLANK**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P2700814-029

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01072

Date Collected: 3/22/07
Date Received: 3/23/07
Date(s) Analyzed: 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.0	ND	0.15	
79-01-6	Trichloroethene	ND	1.0	ND	0.19	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ND	0.22	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ND	0.22	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ND	0.18	
108-88-3	Toluene	ND	1.0	ND	0.27	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	1.0	ND	0.12	
106-93-4	1,2-Dibromoethane	ND	1.0	ND	0.13	
127-18-4	Tetrachloroethene	ND	1.0	ND	0.15	
108-90-7	Chlorobenzene	ND	1.0	ND	0.22	
100-41-4	Ethylbenzene	ND	1.0	ND	0.23	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	1.0	ND	0.097	
100-42-5	Styrene	ND	1.0	ND	0.23	
95-47-6	o-Xylene	ND	1.0	ND	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ND	0.15	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ND	0.17	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ND	0.17	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ND	0.17	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070328-MB

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 3/28/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.0	ND	0.48	
75-01-4	Vinyl Chloride	ND	1.0	ND	0.39	
74-83-9	Bromomethane	ND	1.0	ND	0.26	
75-00-3	Chloroethane	ND	1.0	ND	0.38	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	1.0	ND	0.18	
75-35-4	1,1-Dichloroethene	ND	1.0	ND	0.25	
75-09-2	Methylene chloride	ND	1.0	ND	0.29	
76-13-1	Trichlorotrifluoroethane	ND	1.0	ND	0.13	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ND	0.25	
75-34-3	1,1-Dichloroethane	ND	1.0	ND	0.25	
1634-04-4	Methyl tert-Butyl Ether	ND	1.0	ND	0.28	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ND	0.25	
67-66-3	Chloroform	ND	1.0	ND	0.20	
107-06-2	1,2-Dichloroethane	ND	1.0	ND	0.25	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ND	0.18	
71-43-2	Benzene	ND	1.0	ND	0.31	
56-23-5	Carbon Tetrachloride	ND	1.0	ND	0.16	
78-87-5	1,2-Dichloropropane	ND	1.0	ND	0.22	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RU Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070328-MB

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 3/28/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.0	ND	0.15	
79-01-6	Trichloroethene	ND	1.0	ND	0.19	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ND	0.22	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ND	0.22	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ND	0.18	
108-88-3	Toluene	ND	1.0	ND	0.27	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	1.0	ND	0.12	
106-93-4	1,2-Dibromoethane	ND	1.0	ND	0.13	
127-18-4	Tetrachloroethene	ND	1.0	ND	0.15	
108-90-7	Chlorobenzene	ND	1.0	ND	0.22	
100-41-4	Ethylbenzene	ND	1.0	ND	0.23	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	1.0	ND	0.097	
100-42-5	Styrene	ND	1.0	ND	0.23	
95-47-6	o-Xylene	ND	1.0	ND	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ND	0.15	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ND	0.17	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ND	0.17	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ND	0.17	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070329-MB

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.0	ND	0.48	
75-01-4	Vinyl Chloride	ND	1.0	ND	0.39	
74-83-9	Bromomethane	ND	1.0	ND	0.26	
75-00-3	Chloroethane	ND	1.0	ND	0.38	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	1.0	ND	0.18	
75-35-4	1,1-Dichloroethene	ND	1.0	ND	0.25	
75-09-2	Methylene chloride	ND	1.0	ND	0.29	
76-13-1	Trichlorotrifluoroethane	ND	1.0	ND	0.13	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ND	0.25	
75-34-3	1,1-Dichloroethane	ND	1.0	ND	0.25	
1634-04-4	Methyl tert-Butyl Ether	ND	1.0	ND	0.28	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ND	0.25	
67-66-3	Chloroform	ND	1.0	ND	0.20	
107-06-2	1,2-Dichloroethane	ND	1.0	ND	0.25	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ND	0.18	
71-43-2	Benzene	ND	1.0	ND	0.31	
56-23-5	Carbon Tetrachloride	ND	1.0	ND	0.16	
78-87-5	1,2-Dichloropropane	ND	1.0	ND	0.22	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RO Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070329-MB

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 3/29/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.0	ND	0.15	
79-01-6	Trichloroethene	ND	1.0	ND	0.19	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ND	0.22	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ND	0.22	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ND	0.18	
108-88-3	Toluene	ND	1.0	ND	0.27	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	1.0	ND	0.12	
106-93-4	1,2-Dibromoethane	ND	1.0	ND	0.13	
127-18-4	Tetrachloroethene	ND	1.0	ND	0.15	
108-90-7	Chlorobenzene	ND	1.0	ND	0.22	
100-41-4	Ethylbenzene	ND	1.0	ND	0.23	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	1.0	ND	0.097	
100-42-5	Styrene	ND	1.0	ND	0.23	
95-47-6	o-Xylene	ND	1.0	ND	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ND	0.15	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ND	0.17	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ND	0.17	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ND	0.17	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070330-MB

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.0	ND	0.48	
75-01-4	Vinyl Chloride	ND	1.0	ND	0.39	
74-83-9	Bromomethane	ND	1.0	ND	0.26	
75-00-3	Chloroethane	ND	1.0	ND	0.38	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	1.0	ND	0.18	
75-35-4	1,1-Dichloroethene	ND	1.0	ND	0.25	
75-09-2	Methylene chloride	ND	1.0	ND	0.29	
76-13-1	Trichlorotrifluoroethane	ND	1.0	ND	0.13	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ND	0.25	
75-34-3	1,1-Dichloroethane	ND	1.0	ND	0.25	
1634-04-4	Methyl tert-Butyl Ether	ND	1.0	ND	0.28	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ND	0.25	
67-66-3	Chloroform	ND	1.0	ND	0.20	
107-06-2	1,2-Dichloroethane	ND	1.0	ND	0.25	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ND	0.18	
71-43-2	Benzene	ND	1.0	ND	0.31	
56-23-5	Carbon Tetrachloride	ND	1.0	ND	0.16	
78-87-5	1,2-Dichloropropane	ND	1.0	ND	0.22	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ro Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070330-MB

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 3/30/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.0	ND	0.15	
79-01-6	Trichloroethene	ND	1.0	ND	0.19	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ND	0.22	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ND	0.22	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ND	0.18	
108-88-3	Toluene	ND	1.0	ND	0.27	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	1.0	ND	0.12	
106-93-4	1,2-Dibromoethane	ND	1.0	ND	0.13	
127-18-4	Tetrachloroethene	ND	1.0	ND	0.15	
108-90-7	Chlorobenzene	ND	1.0	ND	0.22	
100-41-4	Ethylbenzene	ND	1.0	ND	0.23	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	1.0	ND	0.097	
100-42-5	Styrene	ND	1.0	ND	0.23	
95-47-6	o-Xylene	ND	1.0	ND	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ND	0.15	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ND	0.17	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ND	0.17	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ND	0.17	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ro Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070402-MB

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.0	ND	0.48	
75-01-4	Vinyl Chloride	ND	1.0	ND	0.39	
74-83-9	Bromomethane	ND	1.0	ND	0.26	
75-00-3	Chloroethane	ND	1.0	ND	0.38	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	1.0	ND	0.18	
75-35-4	1,1-Dichloroethene	ND	1.0	ND	0.25	
75-09-2	Methylene chloride	ND	1.0	ND	0.29	
76-13-1	Trichlorotrifluoroethane	ND	1.0	ND	0.13	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ND	0.25	
75-34-3	1,1-Dichloroethane	ND	1.0	ND	0.25	
1634-04-4	Methyl tert-Butyl Ether	ND	1.0	ND	0.28	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ND	0.25	
67-66-3	Chloroform	ND	1.0	ND	0.20	
107-06-2	1,2-Dichloroethane	ND	1.0	ND	0.25	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ND	0.18	
71-43-2	Benzene	ND	1.0	ND	0.31	
56-23-5	Carbon Tetrachloride	ND	1.0	ND	0.16	
78-87-5	1,2-Dichloropropane	ND	1.0	ND	0.22	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RO Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070402-MB

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.0	ND	0.15	
79-01-6	Trichloroethene	ND	1.0	ND	0.19	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ND	0.22	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ND	0.22	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ND	0.18	
108-88-3	Toluene	ND	1.0	ND	0.27	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	1.0	ND	0.12	
106-93-4	1,2-Dibromoethane	ND	1.0	ND	0.13	
127-18-4	Tetrachloroethene	ND	1.0	ND	0.15	
108-90-7	Chlorobenzene	ND	1.0	ND	0.22	
100-41-4	Ethylbenzene	ND	1.0	ND	0.23	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	1.0	ND	0.097	
100-42-5	Styrene	ND	1.0	ND	0.23	
95-47-6	o-Xylene	ND	1.0	ND	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ND	0.15	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ND	0.17	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ND	0.17	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ND	0.17	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070403-MB

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.0	ND	0.48	
75-01-4	Vinyl Chloride	ND	1.0	ND	0.39	
74-83-9	Bromomethane	ND	1.0	ND	0.26	
75-00-3	Chloroethane	ND	1.0	ND	0.38	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	1.0	ND	0.18	
75-35-4	1,1-Dichloroethene	ND	1.0	ND	0.25	
75-09-2	Methylene chloride	ND	1.0	ND	0.29	
76-13-1	Trichlorotrifluoroethane	ND	1.0	ND	0.13	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ND	0.25	
75-34-3	1,1-Dichloroethane	ND	1.0	ND	0.25	
1634-04-4	Methyl tert-Butyl Ether	ND	1.0	ND	0.28	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ND	0.25	
67-66-3	Chloroform	ND	1.0	ND	0.20	
107-06-2	1,2-Dichloroethane	ND	1.0	ND	0.25	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ND	0.18	
71-43-2	Benzene	ND	1.0	ND	0.31	
56-23-5	Carbon Tetrachloride	ND	1.0	ND	0.16	
78-87-5	1,2-Dichloropropane	ND	1.0	ND	0.22	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Method Blank**
Client Project ID: **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070403-MB

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	1.0	ND	0.15	
79-01-6	Trichloroethene	ND	1.0	ND	0.19	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ND	0.22	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ND	0.22	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ND	0.18	
108-88-3	Toluene	ND	1.0	ND	0.27	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	1.0	ND	0.12	
106-93-4	1,2-Dibromoethane	ND	1.0	ND	0.13	
127-18-4	Tetrachloroethene	ND	1.0	ND	0.15	
108-90-7	Chlorobenzene	ND	1.0	ND	0.22	
100-41-4	Ethylbenzene	ND	1.0	ND	0.23	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	1.0	ND	0.097	
100-42-5	Styrene	ND	1.0	ND	0.23	
95-47-6	o-Xylene	ND	1.0	ND	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ND	0.15	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ND	0.17	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ND	0.17	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ND	0.17	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ru Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Project ID: WDI

CAS Project ID: P2700814

Surrogate Spike Recovery Results

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 3/15 - 3/20/07
Date Received: 3/23/07
Date Analyzed: 3/28 - 4/3/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070328-MB	**90**	80-120	**99**	80-120	**106**	80-120	
Method Blank	P070329-MB	**93**	80-120	**97**	80-120	**105**	80-120	
Method Blank	P070330-MB	**95**	80-120	**97**	80-120	**107**	80-120	
Method Blank	P070402-MB	**95**	80-120	**98**	80-120	**102**	80-120	
Method Blank	P070403-MB	**93**	80-120	**97**	80-120	**102**	80-120	
Lab Control Sample	P070328-LCS	**97**	80-120	**98**	80-120	**106**	80-120	
Lab Control Sample	P070329-LCS	**99**	80-120	**97**	80-120	**104**	80-120	
Lab Control Sample	P070330-LCS	**100**	80-120	**100**	80-120	**102**	80-120	
Lab Control Sample	P070402-LCS	**98**	80-120	**99**	80-120	**104**	80-120	
Lab Control Sample	P070403-LCS	**98**	80-120	**97**	80-120	**101**	80-120	
Duplicate Lab Control Sample	P070328-DLCS	**95**	80-120	**97**	80-120	**106**	80-120	
Duplicate Lab Control Sample	P070329-DLCS	**96**	80-120	**97**	80-120	**104**	80-120	
Duplicate Lab Control Sample	P070330-DLCS	**97**	80-120	**100**	80-120	**103**	80-120	
Duplicate Lab Control Sample	P070402-DLCS	**98**	80-120	**98**	80-120	**104**	80-120	
Duplicate Lab Control Sample	P070403-DLCS	**95**	80-120	**98**	80-120	**102**	80-120	
WDI-VW-46-S-3-20-07	P2700814-001	**93**	80-120	**98**	80-120	**106**	80-120	
WDI-VW-46-I-3-20-07	P2700814-002	**91**	80-120	**98**	80-120	**106**	80-120	
WDI-VW-46-D-3-20-07	P2700814-003	**90**	80-120	**99**	80-120	**108**	80-120	
WDI-VW-61-S-3-20-07	P2700814-004	**92**	80-120	**98**	80-120	**106**	80-120	
WDI-VW-61-S-3-20-07	P2700814-004DUP	**92**	80-120	**98**	80-120	**107**	80-120	
WDI-VW-61-I-3-20-07	P2700814-005	**90**	80-120	**98**	80-120	**108**	80-120	
WDI-VW-61-D-3-20-07	P2700814-006	**89**	80-120	**97**	80-120	**108**	80-120	
WDI-VW-29-S-3-20-07	P2700814-007	**90**	80-120	**99**	80-120	**109**	80-120	
WDI-VW-29-I-3-20-07	P2700814-008	**90**	80-120	**98**	80-120	**108**	80-120	
WDI-VW-29-D-3-20-07	P2700814-009	**91**	80-120	**98**	80-120	**107**	80-120	
WDI-VW-49-S-3-15-07	P2700814-010	**91**	80-120	**99**	80-120	**107**	80-120	
WDI-VW-49-I-3-15-07	P2700814-011	**101**	80-120	**98**	80-120	**107**	80-120	
WDI-VW-49-D-3-15-07	P2700814-012	**98**	80-120	**99**	80-120	**108**	80-120	
WDI-VW-31-S-3-20-07	P2700814-013	**92**	80-120	**98**	80-120	**104**	80-120	
WDI-VW-31-S-3-20-07	P2700814-013DUP	**91**	80-120	**98**	80-120	**105**	80-120	
WDI-VW-31-D-3-20-07	P2700814-014	**92**	80-120	**98**	80-120	**106**	80-120	
WDI-VW-42-S-3-20-07	P2700814-015	**92**	80-120	**98**	80-120	**106**	80-120	

Verified By: R. Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Project ID: **WDI**

CAS Project ID: P2700814

Surrogate Spike Recovery Results

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 3/20 - 3/22/07
Date Received: 3/23/07
Date Analyzed: 3/28 - 4/3/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
WDI-VW-42-D-3-20-07	P2700814-016	91	80-120	99	80-120	106	80-120	
WDI-VW-42-D-3-20-07-SC	P2700814-017	90	80-120	98	80-120	105	80-120	
WDI-VW-41-S-3-22-07	P2700814-018	92	80-120	99	80-120	106	80-120	
WDI-VW-41-D-3-22-07	P2700814-019	93	80-120	99	80-120	104	80-120	
WDI-VW-41-D-3-22-07	P2700814-019DUP	93	80-120	98	80-120	104	80-120	
WDI-VW-51-S-3-22-07	P2700814-020	92	80-120	98	80-120	104	80-120	
WDI-VW-51-I-3-22-07	P2700814-021	91	80-120	98	80-120	103	80-120	
WDI-VW-51-D-3-22-07	P2700814-022	101	80-120	88	80-120	92	80-120	
WDI-VW-25-D-3-22-07	P2700814-023	97	80-120	95	80-120	96	80-120	
WDI-VW-25-D-3-22-07	P2700814-023DUP	97	80-120	96	80-120	94	80-120	
WDI-VW-30-S-3-22-07	P2700814-024	92	80-120	99	80-120	103	80-120	
WDI-VW-30-I-3-22-07	P2700814-025	90	80-120	99	80-120	103	80-120	
WDI-VW-30-D-3-22-07	P2700814-026	91	80-120	99	80-120	102	80-120	
WDI-VW-30-I-3-22-07-SC	P2700814-027	92	80-120	99	80-120	104	80-120	
WDI-VW-TRIP-BLANK	P2700814-028	91	80-120	98	80-120	104	80-120	
WDI-VW-FIELD-BLANK	P2700814-029	95	80-120	98	80-120	103	80-120	

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : WDI

CAS Project ID: P2700814
CAS Sample ID: P070328-LCS, P070328-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 3/28/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Chloromethane	24.3	25.8	20.3	106	84	65-135	23	35	
Vinyl Chloride	24.8	28.2	23.3	114	94	65-135	19	35	
Bromomethane	25.0	26.1	22.8	104	91	65-135	13	35	
Chloroethane	25.0	21.8	21.9	87	88	65-135	1	35	
Acetone	26.5	24.7	21.3	93	80	65-135	15	35	
Trichlorofluoromethane	24.3	26.2	23.6	108	97	65-135	11	35	
1,1-Dichloroethene	27.3	29.5	26.0	108	95	65-135	13	35	
Methylene chloride	26.8	27.5	23.9	103	89	65-135	15	35	
Trichlorotrifluoroethane	27.0	29.4	25.4	109	94	65-135	15	35	
Carbon Disulfide	25.0	26.4	22.7	106	91	65-135	15	35	
trans-1,2-Dichloroethene	26.3	28.5	24.6	108	94	65-135	14	35	
1,1-Dichloroethane	26.3	28.3	25.3	108	96	65-135	12	35	
Methyl tert-Butyl Ether	26.3	29.2	24.8	111	94	65-135	17	35	
Vinyl Acetate	24.3	29.2	25.2	120	104	65-135	14	35	
2-Butanone (MEK)	26.8	28.7	24.8	107	93	65-135	14	35	
cis-1,2-Dichloroethene	26.5	28.6	24.9	108	94	65-135	14	35	
Chloroform	30.0	29.9	26.4	100	88	65-135	13	35	
1,2-Dichloroethane	26.0	28.7	25.1	110	97	65-135	13	35	
1,1,1-Trichloroethane	26.3	29.4	24.9	112	95	65-135	16	35	
Benzene	26.3	28.5	24.5	108	93	65-135	15	35	
Carbon Tetrachloride	25.8	29.2	25.1	113	97	65-135	15	35	
1,2-Dichloropropane	26.0	28.2	24.3	108	93	65-135	15	35	

Verified By: RG Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : WDI

CAS Project ID: P2700814
CAS Sample ID: P070328-LCS, P070328-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 3/28/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Bromodichloromethane	27.5	30.2	25.8	**110**	**94**	65-135	**16**	35	
Trichloroethene	27.3	29.8	26.1	**109**	**96**	65-135	**13**	35	
cis-1,3-Dichloropropene	26.0	28.0	23.7	**108**	**91**	65-135	**17**	35	
4-Methyl-2-pentanone	26.5	31.1	26.2	**117**	**99**	65-135	**17**	35	
trans-1,3-Dichloropropene	27.8	31.7	26.7	**114**	**96**	65-135	**17**	35	
1,1,2-Trichloroethane	25.8	29.2	24.9	**113**	**97**	65-135	**15**	35	
Toluene	26.0	27.8	23.8	**107**	**92**	65-135	**15**	35	
2-Hexanone	26.0	28.9	24.4	**111**	**94**	65-135	**17**	35	
Dibromochloromethane	26.5	29.9	25.4	**113**	**96**	65-135	**16**	35	
1,2-Dibromoethane	26.0	28.8	24.9	**111**	**96**	65-135	**14**	35	
Tetrachloroethene	25.8	28.6	24.1	**111**	**93**	65-135	**18**	35	
Chlorobenzene	26.0	28.0	24.0	**108**	**92**	65-135	**16**	35	
Ethylbenzene	25.8	28.4	24.1	**110**	**93**	65-135	**17**	35	
m,p-Xylenes	61.5	67.7	57.5	**110**	**93**	65-135	**17**	35	
Bromoform	31.3	34.7	29.7	**111**	**95**	65-135	**16**	35	
Styrene	25.8	29.7	25.4	**115**	**98**	65-135	**16**	35	
o-Xylene	29.0	32.1	27.2	**111**	**94**	65-135	**17**	35	
1,1,2,2-Tetrachloroethane	29.3	32.1	27.3	**110**	**93**	65-135	**17**	35	
1,3-Dichlorobenzene	25.3	29.0	24.7	**115**	**98**	65-135	**16**	35	
1,4-Dichlorobenzene	26.0	29.9	25.3	**115**	**97**	65-135	**17**	35	
1,2-Dichlorobenzene	25.5	29.2	25.2	**115**	**99**	65-135	**15**	35	

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : WDI

CAS Project ID: P2700814
CAS Sample ID: P070329-LCS, P070329-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 3/29/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Chloromethane	24.3	25.8	20.4	106	84	65-135	23	35	
Vinyl Chloride	24.8	27.7	23.3	112	94	65-135	17	35	
Bromomethane	25.0	25.7	22.7	103	91	65-135	12	35	
Chloroethane	25.0	23.3	22.7	93	91	65-135	2	35	
Acetone	26.5	24.8	21.6	94	82	65-135	14	35	
Trichlorofluoromethane	24.3	25.9	23.4	107	96	65-135	11	35	
1,1-Dichloroethene	27.3	29.6	25.9	108	95	65-135	13	35	
Methylene chloride	26.8	27.4	23.8	102	89	65-135	14	35	
Trichlorotrifluoroethane	27.0	28.5	25.2	106	93	65-135	13	35	
Carbon Disulfide	25.0	26.4	22.8	106	91	65-135	15	35	
trans-1,2-Dichloroethene	26.3	28.4	24.8	108	94	65-135	14	35	
1,1-Dichloroethane	26.3	28.4	25.3	108	96	65-135	12	35	
Methyl tert-Butyl Ether	26.3	28.3	24.8	108	94	65-135	14	35	
Vinyl Acetate	24.3	26.7	24.6	110	101	65-135	9	35	
2-Butanone (MEK)	26.8	28.0	25.1	104	94	65-135	10	35	
cis-1,2-Dichloroethene	26.5	28.6	25.0	108	94	65-135	14	35	
Chloroform	30.0	29.8	26.5	99	88	65-135	12	35	
1,2-Dichloroethane	26.0	28.7	25.3	110	97	65-135	13	35	
1,1,1-Trichloroethane	26.3	28.7	24.6	109	94	65-135	15	35	
Benzene	26.3	28.3	24.4	108	93	65-135	15	35	
Carbon Tetrachloride	25.8	27.8	25.0	108	97	65-135	11	35	
1,2-Dichloropropane	26.0	28.2	24.2	108	93	65-135	15	35	

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : WDI

CAS Project ID: P2700814
CAS Sample ID: P070329-LCS, P070329-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 3/29/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Bromodichloromethane	27.5	28.7	26.1	104	95	65-135	9	35	
Trichloroethene	27.3	29.5	26.0	108	95	65-135	13	35	
cis-1,3-Dichloropropene	26.0	27.4	23.8	105	92	65-135	13	35	
4-Methyl-2-pentanone	26.5	31.3	26.3	118	99	65-135	18	35	
trans-1,3-Dichloropropene	27.8	30.9	26.7	111	96	65-135	14	35	
1,1,2-Trichloroethane	25.8	28.4	24.8	110	96	65-135	14	35	
Toluene	26.0	27.6	23.7	106	91	65-135	15	35	
2-Hexanone	26.0	29.1	24.6	112	95	65-135	16	35	
Dibromochloromethane	26.5	28.9	25.4	109	96	65-135	13	35	
1,2-Dibromoethane	26.0	28.4	24.7	109	95	65-135	14	35	
Tetrachloroethene	25.8	27.6	23.7	107	92	65-135	15	35	
Chlorobenzene	26.0	27.7	23.8	107	92	65-135	15	35	
Ethylbenzene	25.8	28.1	24.0	109	93	65-135	16	35	
m,p-Xylenes	61.5	67.4	57.5	110	93	65-135	17	35	
Bromoform	31.3	34.5	29.5	110	94	65-135	16	35	
Styrene	25.8	29.4	25.4	114	98	65-135	15	35	
o-Xylene	29.0	31.8	27.3	110	94	65-135	16	35	
1,1,2,2-Tetrachloroethane	29.3	32.2	27.4	110	94	65-135	16	35	
1,3-Dichlorobenzene	25.3	28.8	24.7	114	98	65-135	15	35	
1,4-Dichlorobenzene	26.0	29.7	25.5	114	98	65-135	15	35	
1,2-Dichlorobenzene	25.5	29.2	25.1	115	98	65-135	16	35	

Verified By: Ro Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : WDI

CAS Project ID: P2700814
CAS Sample ID: P070330-LCS, P070330-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 3/30/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Chloromethane	24.3	20.9	18.3	86	75	65-135	14	35	
Vinyl Chloride	24.8	23.5	20.8	95	84	65-135	12	35	
Bromomethane	25.0	21.1	20.7	84	83	65-135	1	35	
Chloroethane	25.0	22.5	20.2	90	81	65-135	11	35	
Acetone	26.5	20.9	19.0	79	72	65-135	9	35	
Trichlorofluoromethane	24.3	22.5	20.5	93	84	65-135	10	35	
1,1-Dichloroethene	27.3	25.4	22.7	93	83	65-135	11	35	
Methylene chloride	26.8	23.6	21.2	88	79	65-135	11	35	
Trichlorotrifluoroethane	27.0	23.3	23.1	86	86	65-135	0	35	
Carbon Disulfide	25.0	23.0	20.4	92	82	65-135	11	35	
trans-1,2-Dichloroethene	26.3	24.7	21.9	94	83	65-135	12	35	
1,1-Dichloroethane	26.3	24.7	22.1	94	84	65-135	11	35	
Methyl tert-Butyl Ether	26.3	23.2	22.7	88	86	65-135	2	35	
Vinyl Acetate	24.3	23.1	22.4	95	92	65-135	3	35	
2-Butanone (MEK)	26.8	23.8	22.6	89	84	65-135	6	35	
cis-1,2-Dichloroethene	26.5	24.7	22.1	93	83	65-135	11	35	
Chloroform	30.0	25.8	23.1	86	77	65-135	11	35	
1,2-Dichloroethane	26.0	24.5	22.5	94	87	65-135	8	35	
1,1,1-Trichloroethane	26.3	22.3	22.4	85	85	65-135	0	35	
Benzene	26.3	22.5	21.8	86	83	65-135	4	35	
Carbon Tetrachloride	25.8	22.9	22.7	89	88	65-135	1	35	
1,2-Dichloropropane	26.0	22.3	21.5	86	83	65-135	4	35	

Verified By: Rec Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070330-LCS, P070330-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 3/30/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Bromodichloromethane	27.5	24.0	23.0	87	84	65-135	4	35	
Trichloroethene	27.3	24.0	23.0	88	84	65-135	5	35	
cis-1,3-Dichloropropene	26.0	22.0	21.0	85	81	65-135	5	35	
4-Methyl-2-pentanone	26.5	24.1	23.7	91	89	65-135	2	35	
trans-1,3-Dichloropropene	27.8	24.4	23.9	88	86	65-135	2	35	
1,1,2-Trichloroethane	25.8	22.5	22.0	87	85	65-135	2	35	
Toluene	26.0	22.2	21.9	85	84	65-135	1	35	
2-Hexanone	26.0	23.3	22.7	90	87	65-135	3	35	
Dibromochloromethane	26.5	23.7	23.4	89	88	65-135	1	35	
1,2-Dibromoethane	26.0	23.3	22.7	90	87	65-135	3	35	
Tetrachloroethene	25.8	22.4	22.3	87	86	65-135	1	35	
Chlorobenzene	26.0	22.9	22.4	88	86	65-135	2	35	
Ethylbenzene	25.8	25.8	22.6	100	88	65-135	13	35	
m,p-Xylenes	61.5	61.7	53.7	100	87	65-135	14	35	
Bromoform	31.3	27.6	27.7	88	88	65-135	0	35	
Styrene	25.8	26.9	23.6	104	91	65-135	13	35	
o-Xylene	29.0	29.2	25.5	101	88	65-135	14	35	
1,1,2,2-Tetrachloroethane	29.3	26.0	25.5	89	87	65-135	2	35	
1,3-Dichlorobenzene	25.3	26.4	22.9	104	91	65-135	13	35	
1,4-Dichlorobenzene	26.0	27.2	23.7	105	91	65-135	14	35	
1,2-Dichlorobenzene	25.5	26.9	23.5	105	92	65-135	13	35	

Verified By: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **WDI**

CAS Project ID: P2700814
CAS Sample ID: P070402-LCS, P070402-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/2/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Chloromethane	24.3	20.1	17.9	83	74	65-135	11	35	
Vinyl Chloride	24.8	23.5	20.4	95	82	65-135	15	35	
Bromomethane	25.0	22.3	20.5	89	82	65-135	8	35	
Chloroethane	25.0	22.7	19.8	91	79	65-135	14	35	
Acetone	26.5	21.3	18.6	80	70	65-135	13	35	
Trichlorofluoromethane	24.3	21.8	20.3	90	84	65-135	7	35	
1,1-Dichloroethene	27.3	25.1	22.1	92	81	65-135	13	35	
Methylene chloride	26.8	23.5	20.3	88	76	65-135	15	35	
Trichlorotrifluoroethane	27.0	22.8	22.1	84	82	65-135	2	35	
Carbon Disulfide	25.0	22.9	19.8	92	79	65-135	15	35	
trans-1,2-Dichloroethene	26.3	24.1	21.3	92	81	65-135	13	35	
1,1-Dichloroethane	26.3	23.8	21.4	90	81	65-135	11	35	
Methyl tert-Butyl Ether	26.3	22.4	22.1	85	84	65-135	1	35	
Vinyl Acetate	24.3	23.0	21.9	95	90	65-135	5	35	
2-Butanone (MEK)	26.8	23.5	21.8	88	81	65-135	8	35	
cis-1,2-Dichloroethene	26.5	24.4	21.5	92	81	65-135	13	35	
Chloroform	30.0	25.4	22.7	85	76	65-135	11	35	
1,2-Dichloroethane	26.0	24.3	21.8	93	84	65-135	10	35	
1,1,1-Trichloroethane	26.3	22.4	21.6	85	82	65-135	4	35	
Benzene	26.3	22.6	21.0	86	80	65-135	7	35	
Carbon Tetrachloride	25.8	21.9	21.3	85	83	65-135	2	35	
1,2-Dichloropropane	26.0	21.8	20.6	84	79	65-135	6	35	

Verified By: [illegible] Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : WDI

CAS Project ID: P2700814
CAS Sample ID: P070402-LCS, P070402-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/2/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Bromodichloromethane	27.5	23.7	22.3	86	81	65-135	6	35	
Trichloroethene	27.3	23.8	22.4	87	82	65-135	6	35	
cis-1,3-Dichloropropene	26.0	21.9	20.4	84	78	65-135	7	35	
4-Methyl-2-pentanone	26.5	26.4	22.7	100	86	65-135	15	35	
trans-1,3-Dichloropropene	27.8	24.0	23.0	86	83	65-135	4	35	
1,1,2-Trichloroethane	25.8	22.4	21.3	87	83	65-135	5	35	
Toluene	26.0	24.0	21.0	92	81	65-135	13	35	
2-Hexanone	26.0	24.8	21.2	95	82	65-135	15	35	
Dibromochloromethane	26.5	22.7	22.2	86	84	65-135	2	35	
1,2-Dibromoethane	26.0	23.3	21.7	90	83	65-135	8	35	
Tetrachloroethene	25.8	24.3	21.2	94	82	65-135	14	35	
Chlorobenzene	26.0	24.5	21.1	94	81	65-135	15	35	
Ethylbenzene	25.8	24.6	21.3	95	83	65-135	13	35	
m,p-Xylenes	61.5	59.1	51.3	96	83	65-135	15	35	
Bromoform	31.3	29.1	26.3	93	84	65-135	10	35	
Styrene	25.8	25.7	22.3	100	86	65-135	15	35	
o-Xylene	29.0	28.0	24.2	97	83	65-135	16	35	
1,1,2,2-Tetrachloroethane	29.3	27.9	24.3	95	83	65-135	13	35	
1,3-Dichlorobenzene	25.3	25.1	21.7	99	86	65-135	14	35	
1,4-Dichlorobenzene	26.0	26.1	22.4	100	86	65-135	15	35	
1,2-Dichlorobenzene	25.5	25.5	22.1	100	87	65-135	14	35	

Verified By: Re Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : WDI

CAS Project ID: P2700814
CAS Sample ID: P070403-LCS, P070403-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/3/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Chloromethane	24.3	22.5	19.2	93	79	65-135	16	35	
Vinyl Chloride	24.8	25.1	24.2	101	98	65-135	3	35	
Bromomethane	25.0	23.2	23.7	93	95	65-135	2	35	
Chloroethane	25.0	20.6	19.7	82	79	65-135	4	35	
Acetone	26.5	22.1	21.1	83	80	65-135	4	35	
Trichlorofluoromethane	24.3	22.2	21.5	91	88	65-135	3	35	
1,1-Dichloroethene	27.3	25.5	25.0	93	92	65-135	1	35	
Methylene chloride	26.8	23.9	23.0	89	86	65-135	3	35	
Trichlorotrifluoroethane	27.0	25.1	24.3	93	90	65-135	3	35	
Carbon Disulfide	25.0	23.0	22.4	92	90	65-135	2	35	
trans-1,2-Dichloroethene	26.3	24.8	24.0	94	91	65-135	3	35	
1,1-Dichloroethane	26.3	24.7	23.8	94	90	65-135	4	35	
Methyl tert-Butyl Ether	26.3	25.3	23.8	96	90	65-135	6	35	
Vinyl Acetate	24.3	25.0	23.6	103	97	65-135	6	35	
2-Butanone (MEK)	26.8	24.9	23.7	93	88	65-135	6	35	
cis-1,2-Dichloroethene	26.5	25.0	24.0	94	91	65-135	3	35	
Chloroform	30.0	25.7	25.0	86	83	65-135	4	35	
1,2-Dichloroethane	26.0	24.6	23.8	95	92	65-135	3	35	
1,1,1-Trichloroethane	26.3	24.6	24.1	94	92	65-135	2	35	
Benzene	26.3	24.3	24.0	92	91	65-135	1	35	
Carbon Tetrachloride	25.8	23.5	22.5	91	87	65-135	4	35	
1,2-Dichloropropane	26.0	24.4	23.9	94	92	65-135	2	35	

Verified By: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : WDI

CAS Project ID: P2700814
CAS Sample ID: P070403-LCS, P070403-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/3/07
Volume(s) Analyzed: NA

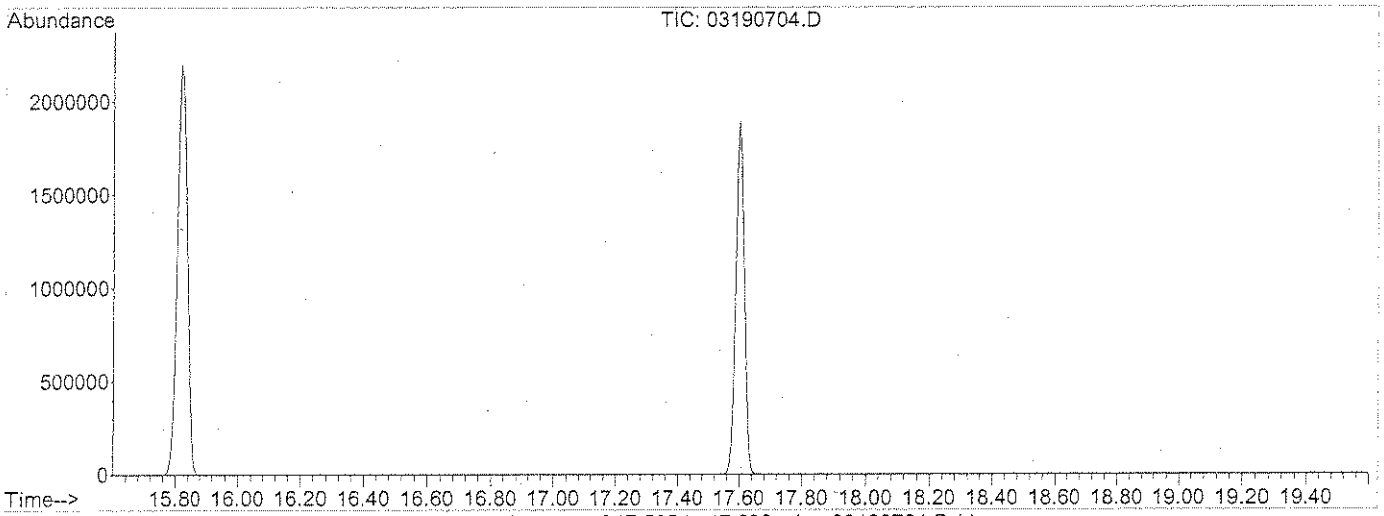
Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Bromodichloromethane	27.5	24.9	24.1	91	88	65-135	3	35	
Trichloroethene	27.3	25.3	25.2	93	92	65-135	1	35	
cis-1,3-Dichloropropene	26.0	23.6	23.1	91	89	65-135	2	35	
4-Methyl-2-pentanone	26.5	26.6	26.1	100	98	65-135	2	35	
trans-1,3-Dichloropropene	27.8	26.5	25.9	95	93	65-135	2	35	
1,1,2-Trichloroethane	25.8	24.4	24.1	95	93	65-135	2	35	
Toluene	26.0	23.6	23.7	91	91	65-135	0	35	
2-Hexanone	26.0	24.5	24.3	94	93	65-135	1	35	
Dibromochloromethane	26.5	24.7	24.6	93	93	65-135	0	35	
1,2-Dibromoethane	26.0	24.3	24.5	93	94	65-135	1	35	
Tetrachloroethene	25.8	23.8	23.7	92	92	65-135	0	35	
Chlorobenzene	26.0	23.7	23.9	91	92	65-135	1	35	
Ethylbenzene	25.8	24.1	24.1	93	93	65-135	0	35	
m,p-Xylenes	61.5	57.5	57.7	93	94	65-135	1	35	
Bromoform	31.3	29.3	29.1	94	93	65-135	1	35	
Styrene	25.8	25.1	25.2	97	98	65-135	1	35	
o-Xylene	29.0	27.3	27.4	94	94	65-135	0	35	
1,1,2,2-Tetrachloroethane	29.3	27.5	27.5	94	94	65-135	0	35	
1,3-Dichlorobenzene	25.3	24.3	24.4	96	96	65-135	0	35	
1,4-Dichlorobenzene	26.0	25.1	25.1	97	97	65-135	0	35	
1,2-Dichlorobenzene	25.5	24.6	24.7	96	97	65-135	1	35	

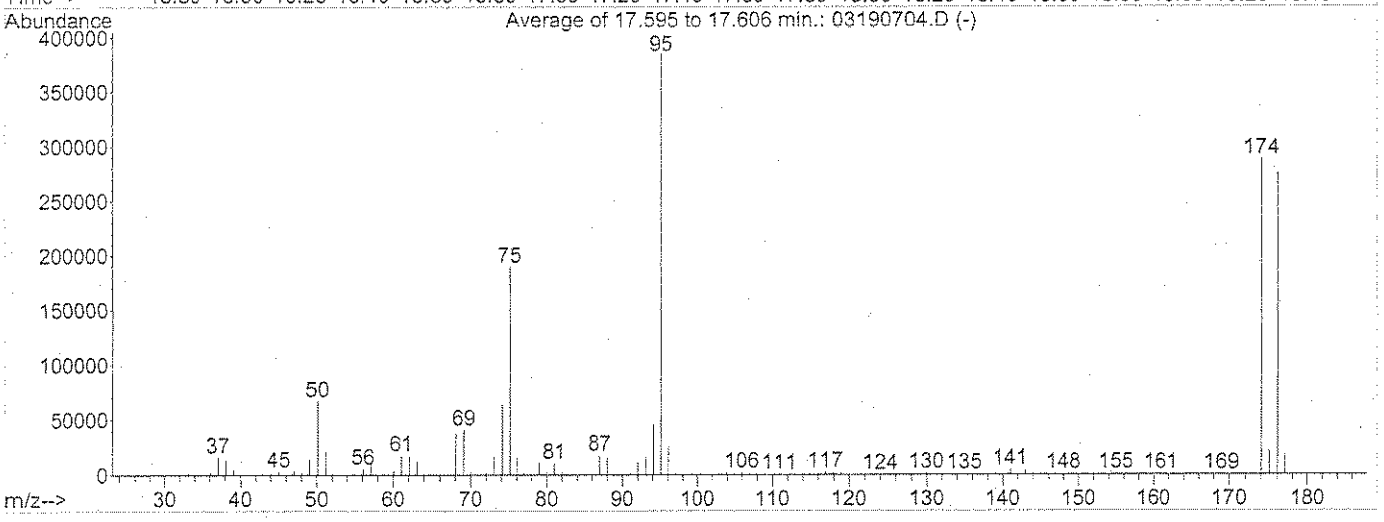
Verified By: RC Date: 4/10/07

Data Path : J:\MS08\Data\2007_03\19\
Data File : 03190704.D
Acq On : 19 Mar 2007 11:38
Operator : LM/SC
Sample : 25ng BFB STD
Misc : S15-03150704
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\METHODS\R8031907.M
Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
Last Update : Mon Mar 19 16:14:30 2007





AutoFind: Scans 2500, 2501, 2502; Background Corrected with Scan 2490

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.3	66738	PASS
75	95	30	66	49.1	189482	PASS
95	95	100	100	100.0	385685	PASS
96	95	5	9	6.7	25709	PASS
173	174	0.00	2	0.4	1075	PASS
174	95	50	120	74.6	287808	PASS
175	174	4	9	7.4	21280	PASS
176	174	93	101	95.4	274624	PASS
177	176	5	9	6.5	17924	PASS

3/19/07
LM 3/20/07

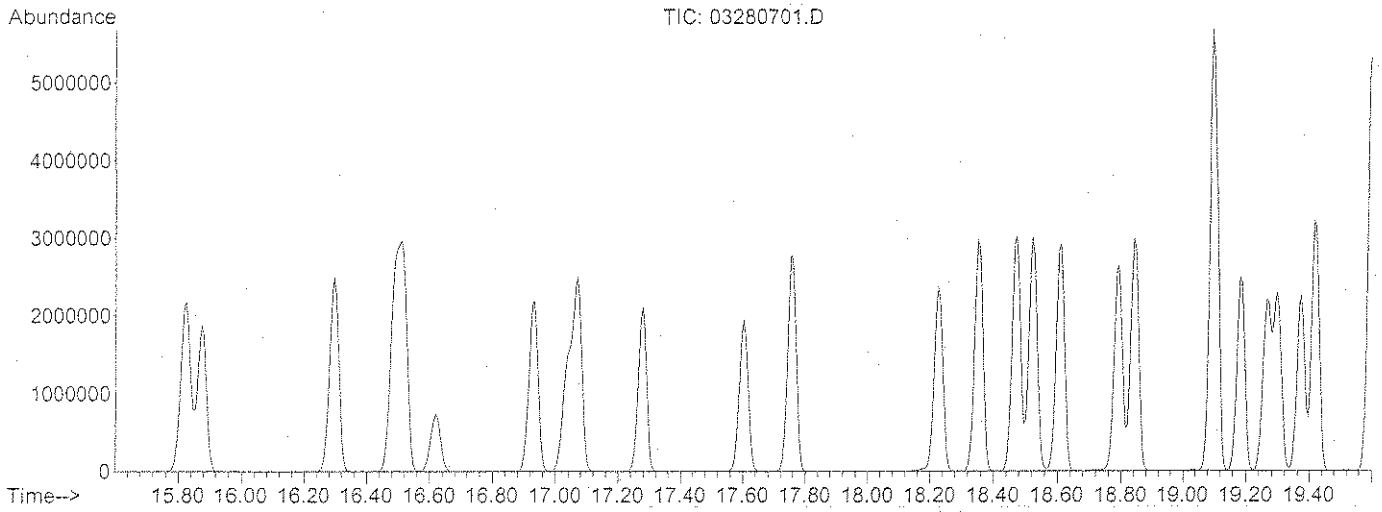
249

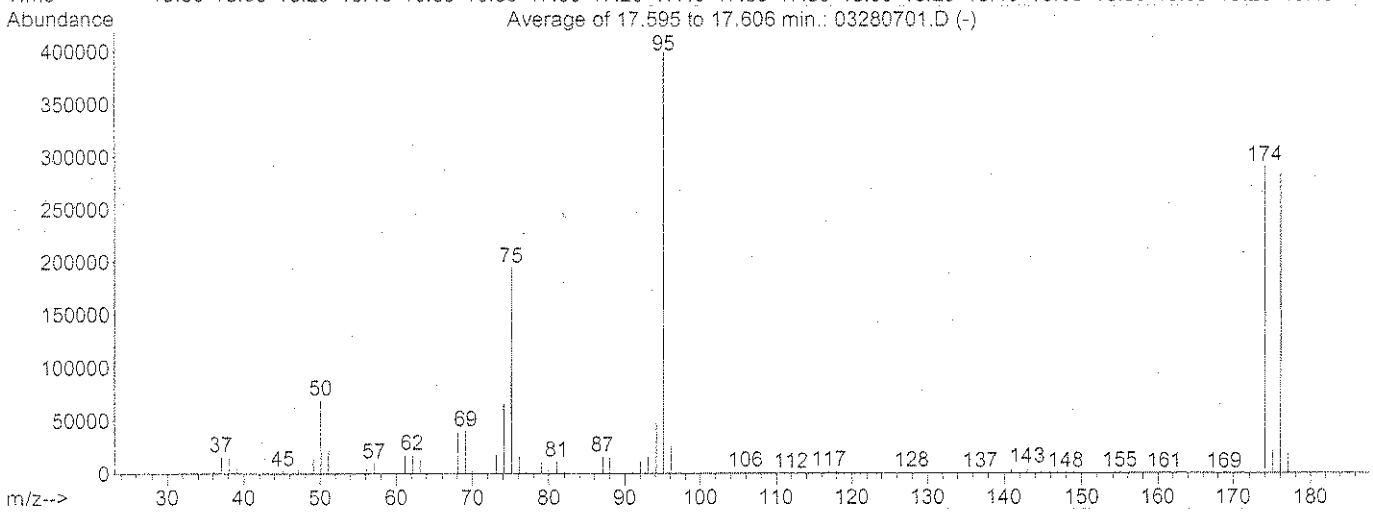
BFB

Data Path : J:\MS08\Data\2007_03\28\
Data File : 03280701.D
Acq On : 28 Mar 2007 9:03
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\METHODS\R8031907.M
Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
Last Update : Mon Mar 19 16:14:30 2007





AutoFind: Scans 2500, 2501, 2502; Background Corrected with Scan 2490

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.3	69298	PASS
75	95	30	66	48.8	195008	PASS
95	95	100	100	100.0	399722	PASS
96	95	5	9	6.6	26285	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	72.8	290944	PASS
175	174	4	9	7.4	21610	PASS
176	174	93	101	97.6	283925	PASS
177	176	5	9	6.7	18904	PASS

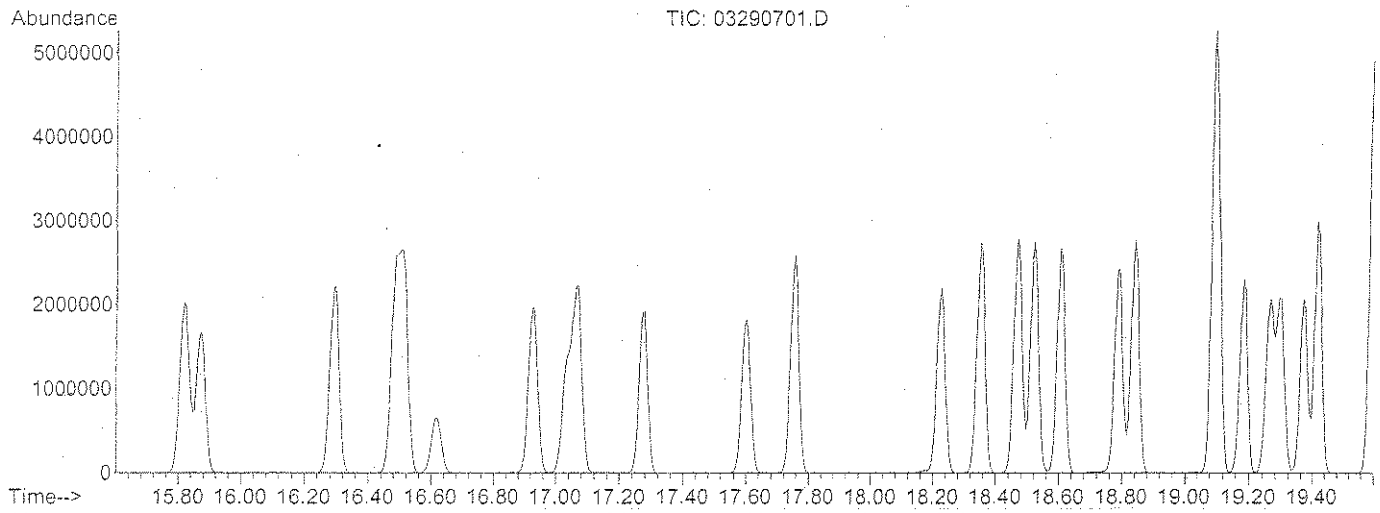
E 3/28/07
LM 4/3/07

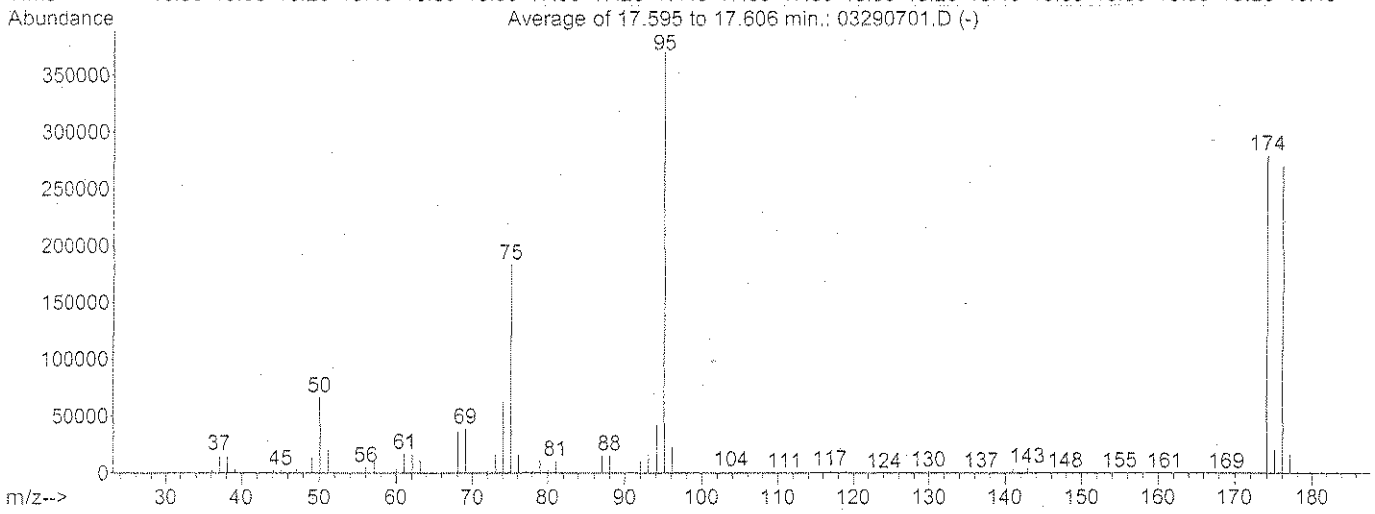
250

Data Path : J:\MS08\Data\2007_03\29\
Data File : 03290701.D
Acq On : 29 Mar 2007 9:15
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\METHODS\R8031907.M
Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
Last Update : Mon Mar 19 16:14:30 2007





AutoFind: Scans 2500, 2501, 2502; Background Corrected with Scan 2489

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.0	66696	PASS
75	95	30	66	49.5	183658	PASS
95	95	100	100	100.0	371157	PASS
96	95	5	9	6.5	24093	PASS
173	174	0.00	2	0.3	936	PASS
174	95	50	120	75.4	279936	PASS
175	174	4	9	7.3	20557	PASS
176	174	93	101	96.5	270165	PASS
177	176	5	9	6.3	17122	PASS

3/29/07
LM 4/3/07

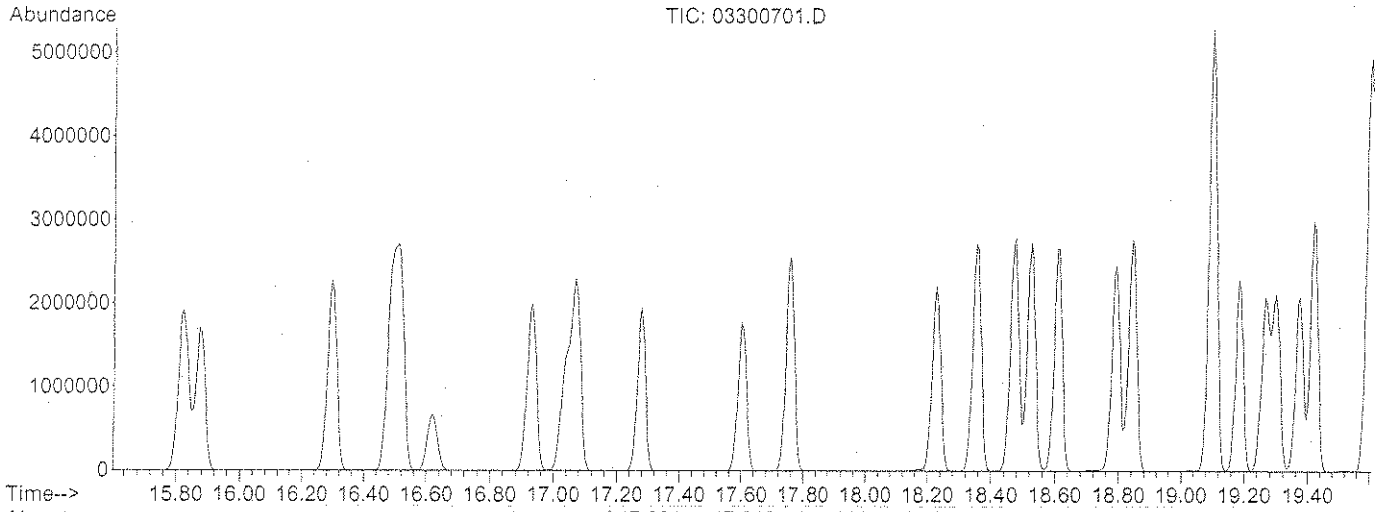
251

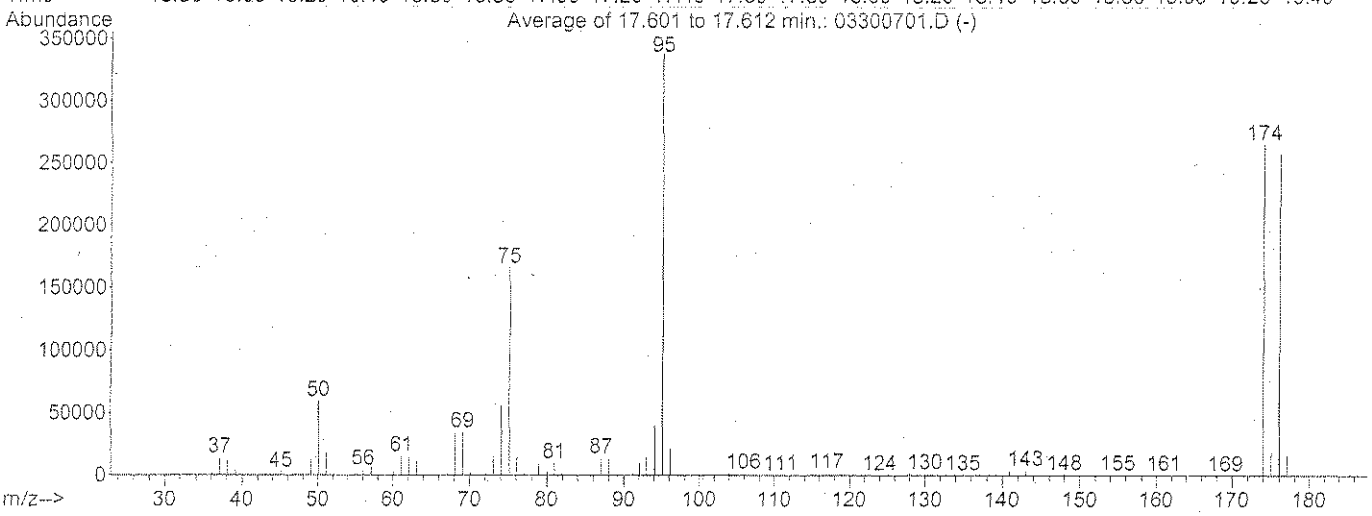
BFB

Data Path : J:\MS08\Data\2007_03\30\
Data File : 03300701.D
Acq On : 30 Mar 2007 8:18
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\METHODS\R8031907.M
Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
Last Update : Mon Mar 19 16:14:30 2007





AutoFind: Scans 2501, 2502, 2503; Background Corrected with Scan 2490

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.6	59421	PASS
75	95	30	66	49.1	166080	PASS
95	95	100	100	100.0	338282	PASS
96	95	5	9	6.4	21646	PASS
173	174	0.00	2	0.4	1000	PASS
174	95	50	120	78.5	265600	PASS
175	174	4	9	7.3	19376	PASS
176	174	93	101	97.1	257813	PASS
177	176	5	9	6.5	16722	PASS

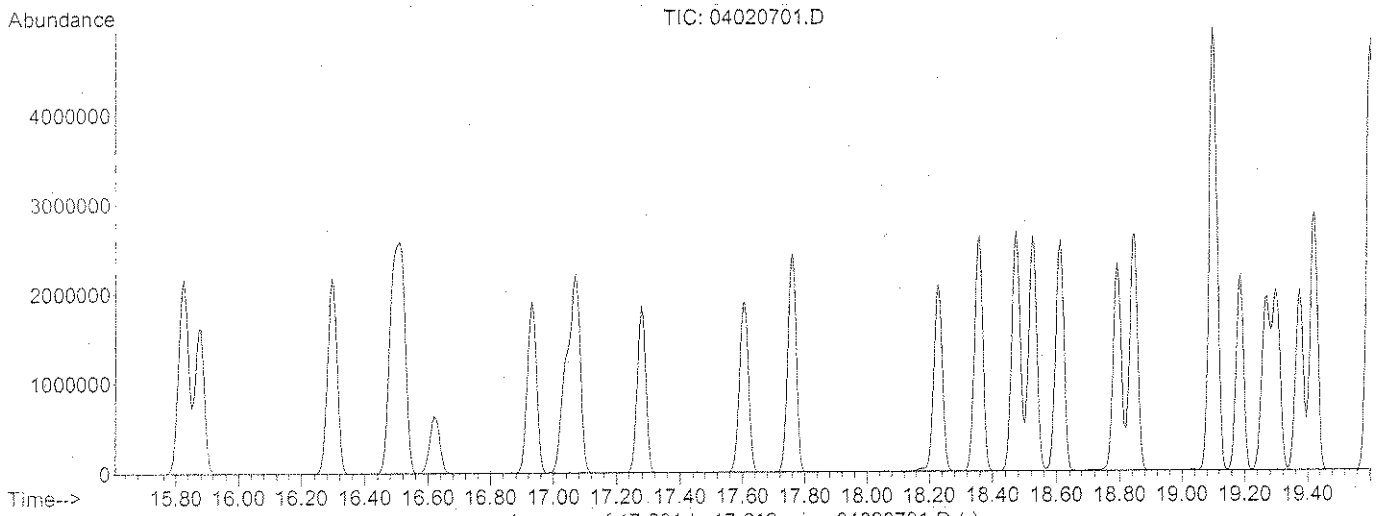
LC 3/30/07
LM 4/3/07

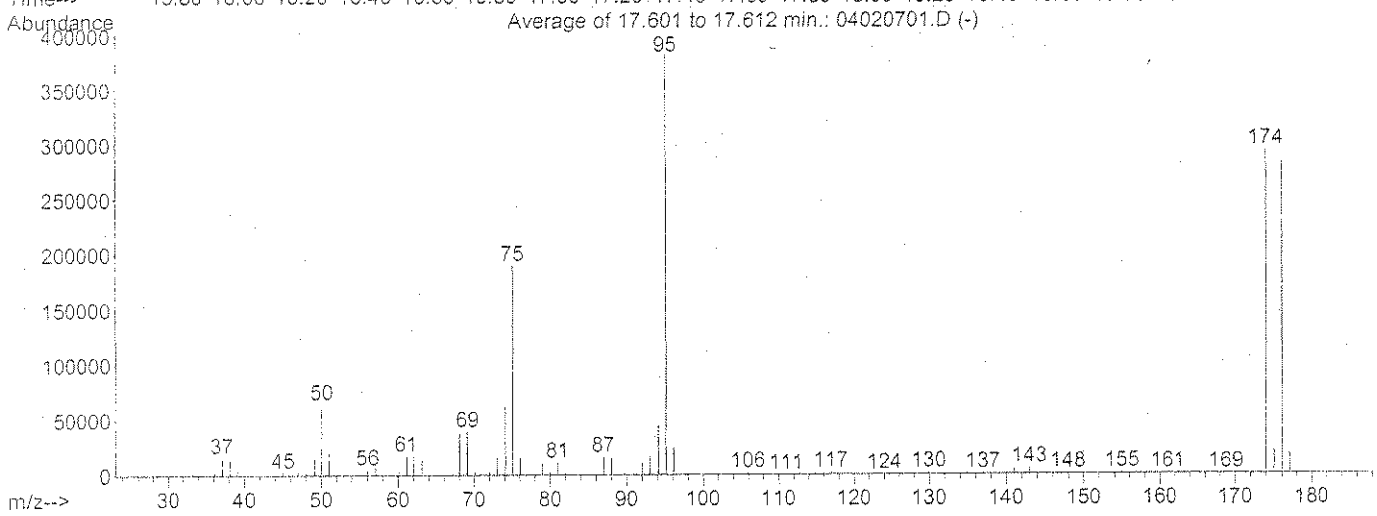
252

Data Path : J:\MS08\Data\2007_04\02\
Data File : 04020701.D
Acq On : 2 Apr 2007 8:29
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\METHODS\R8031907.M
Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
Last Update : Mon Mar 19 16:14:30 2007





AutoFind: Scans 2501, 2502, 2503; Background Corrected with Scan 2490

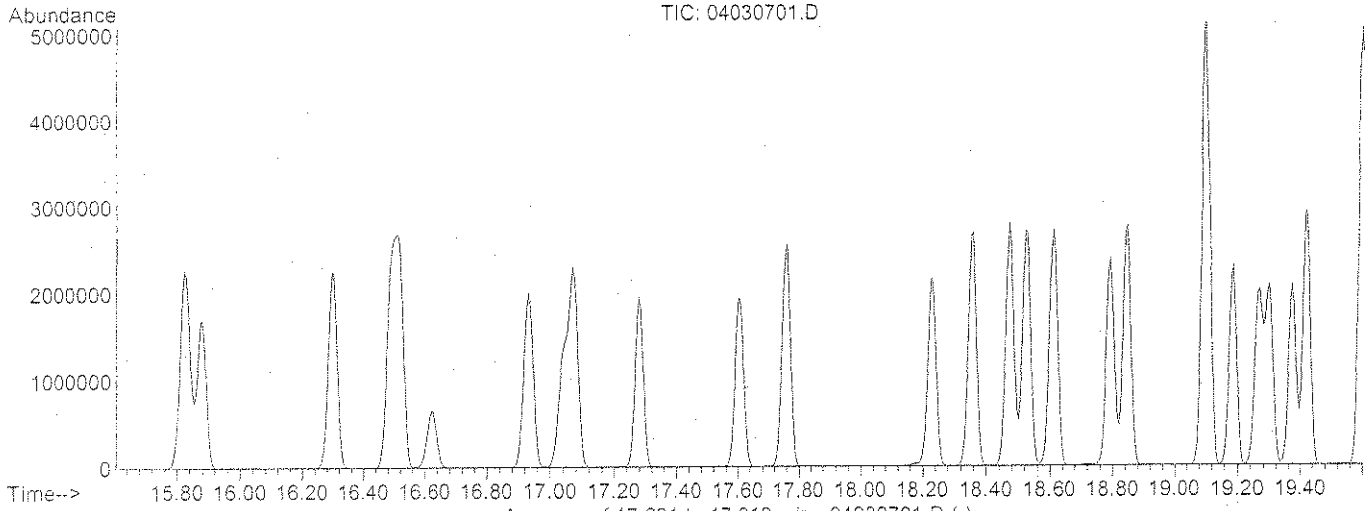
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	16.8	64506	PASS
75	95	30	66	49.6	190101	PASS
95	95	100	100	100.0	383125	PASS
96	95	5	9	6.5	24901	PASS
173	174	0.00	2	0.3	944	PASS
174	95	50	120	76.6	293589	PASS
175	174	4	9	7.2	21042	PASS
176	174	93	101	96.4	283008	PASS
177	176	5	9	6.5	18445	PASS

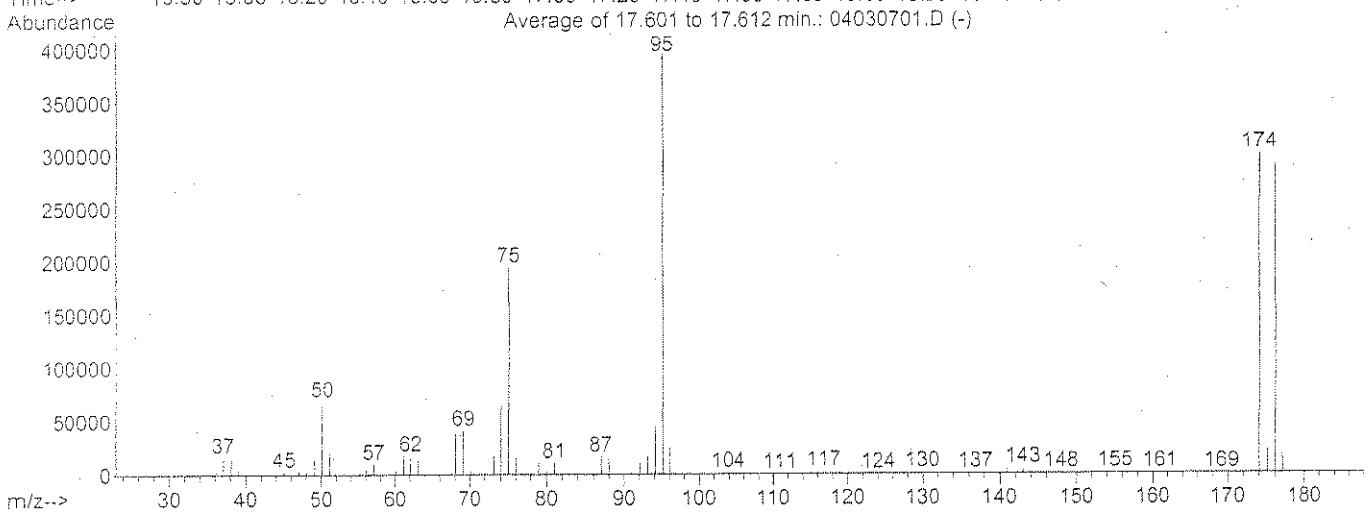
C. 4/3/07
LM 4/4/07

Data Path : J:\MS08\Data\2007_04\03\
Data File : 04030701.D
Acq On : 3 Apr 2007 8:16
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : J:\MS08\METHODS\R8031907.M
Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
Last Update : Mon Mar 19 16:14:30 2007





AutoFind: Scans 2501, 2502, 2503; Background Corrected with Scan 2490

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.5	69128	PASS
75	95	30	66	49.2	194858	PASS
95	95	100	100	100.0	396032	PASS
96	95	5	9	6.3	25034	PASS
173	174	0.00	2	0.4	1148	PASS
174	95	50	120	75.8	300245	PASS
175	174	4	9	7.4	22210	PASS
176	174	93	101	96.5	289877	PASS
177	176	5	9	6.2	18010	PASS

LM 4/5/07
SC 4/3/07

Response Factor Report MS08

Method Path : J:\MS08\METHODS\
Method File : R8031907.M
Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
Last Update : Mon Mar 19 16:14:30 2007
Response Via : Initial Calibration

Calibration Files
0.5 =03190705.D 1 =03190706.D 5 =03190707.D 25 =03190708.D
50 =03190709.D 100 =03190710.D =

		Compound	0.5	1	5	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane (I	----------ISTD----------							
2)	T	Propene	1.747	1.515	1.412	1.389	1.311	1.268	1.440	11.99
3)	T	Dichlorodifluorom	3.707	3.385	3.029	2.989	2.823	2.755	3.114	11.68
4)	T	Chloromethane	2.564	2.363	2.245	2.198	1.958	1.863	2.199	11.74
5)	T	Freon 114	1.107	1.057	0.927	0.927	0.893	0.821	0.955	11.20
6)	T	Vinyl Chloride	2.185	2.070	1.927	1.848	1.793	1.626	1.908	10.47
7)	T	1,3-Butadiene	1.548	1.422	1.391	1.405	1.373	1.258	1.400	6.64
8)	T	Bromomethane	1.418	1.163	1.062	1.129	1.093	1.108	1.162	11.19
9)	T	Chloroethane	1.310	1.207	1.095	1.067	1.031	1.026	1.123	10.07
0)	T	Ethanol	1.306	1.052	0.870	0.954	0.940	0.939	1.010	15.48
1)	T	Acetonitrile	2.734	2.462	2.291	2.544	2.439	2.422	2.482	5.97
2)	T	Acrolein	0.869	0.711	0.799	0.832	0.810	0.809	0.805	6.52
3)	T	Acetone	1.683	1.493	1.315	1.102	1.062	1.055	1.285	20.26
4)	T	Trichlorofluorome	2.422	2.253	2.054	2.082	2.031	2.036	2.146	7.40
5)	T	Isopropanol	3.971	3.794	3.246	3.234	2.904	2.803	3.325	14.11
6)	T	Acrylonitrile	1.949	1.703	1.668	1.750	1.701	1.692	1.744	5.97
7)	T	1,1-Dichloroethen	1.501	1.331	1.277	1.299	1.255	1.240	1.317	7.25
8)	T	tert-Butanol	3.868	3.602	3.419	3.208	2.977	2.390	3.244	16.02
9)	T	Methylene Chlorid	1.942	1.649	1.474	1.418	1.381	1.378	1.540	14.35
0)	T	Allyl Chloride	1.621	1.504	1.530	1.736	1.687	1.694	1.629	5.80
1)	T	Trichlorotrifluor	1.328	1.203	1.081	1.107	1.085	1.080	1.147	8.73
2)	T	Carbon Disulfide	7.386	6.215	5.440	5.339	5.156	5.049	5.764	15.52
3)	T	trans-1,2-Dichlor	2.283	2.193	1.986	2.044	1.980	1.953	2.073	6.47
4)	T	1,1-Dichloroethan	2.436	2.226	2.039	2.058	1.953	1.849	2.093	9.99
5)	T	Methyl tert-Butyl	4.802	4.473	4.302	4.283	4.146	4.009	4.336	6.38
6)	T	Vinyl Acetate	0.240	0.238	0.297	0.323	0.323	0.329	0.292	14.57
7)	T	2-Butanone	1.086	1.033	0.990	0.967	0.943	0.913	0.989	6.37
8)	T	cis-1,2-Dichloroe	2.126	1.959	1.841	1.853	1.800	1.784	1.894	6.82
9)	T	Diisopropyl Ether	1.316	1.199	1.162	1.130	1.081	1.035	1.154	8.53
0)	T	Ethyl Acetate	0.524	0.495	0.488	0.478	0.454	0.424	0.477	7.22
1)	T	n-Hexane	2.617	2.368	2.229	2.194	2.139	2.054	2.267	8.84
2)	T	Chloroform	2.707	2.380	2.027	1.984	1.888	1.831	2.136	15.88
3)	S	1,2-Dichloroethan	1.806	1.814	1.751	1.778	1.715	1.718	1.764	2.43
4)	T	Tetrahydrofuran	1.013	0.953	0.919	0.910	0.789	0.701	0.881	13.04
5)	T	Ethyl tert-Butyl	1.891	1.740	1.696	1.684	1.653	1.611	1.712	5.71
6)	T	1,2-Dichloroethan	2.205	2.133	1.930	1.937	1.876	1.740	1.970	8.67
7)	IR	1,4-Difluorobenzene (	----------ISTD----------							
8)	T	1,1,1-Trichloroet	0.573	0.538	0.502	0.516	0.492	0.494	0.519	6.03
9)	T	Isopropyl Acetate	0.206	0.203	0.189	0.198	0.186	0.178	0.193	5.57
0)	T	1-Butanol	0.203	0.176	0.189	0.264	0.252	0.241	0.221	16.42
1)	T	Benzene	1.437	1.283	1.189	1.199	1.129	1.101	1.223	10.02
2)	T	Carbon Tetrachlor	0.398	0.368	0.385	0.424	0.412	0.406	0.399	5.00
3)	T	Cyclohexane	0.579	0.513	0.465	0.458	0.435	0.418	0.478	12.37
4)	T	tert-Amyl Methyl	1.006	0.909	0.870	0.888	0.852	0.836	0.894	6.81
5)	T	1,2-Dichloropropa	0.344	0.325	0.292	0.299	0.285	0.278	0.304	8.37
6)	T	Bromodichlorometh	0.468	0.431	0.403	0.420	0.401	0.395	0.420	6.46
7)	T	Trichloroethene	0.351	0.329	0.298	0.297	0.283	0.272	0.305	9.73
8)	T	1,4-Dioxane	0.248	0.237	0.222	0.232	0.221	0.210	0.228	5.83
9)	T	Isooctane	1.389	1.286	1.190	1.187	1.114	1.057	1.204	9.89
0)	T	Methyl Methacryla	0.119	0.108	0.118	0.125	0.120	0.117	0.118	4.83
1)	T	n-Heptane	0.331	0.324	0.300	0.301	0.288	0.277	0.303	6.82
2)	T	cis-1,3-Dichlorop	0.547	0.503	0.497	0.510	0.479	0.459	0.499	5.93
3)	T	4-Methyl-2-pentan	0.265	0.262	0.259	0.270	0.255	0.241	0.259	3.90
4)	T	trans-1,3-Dichlor	0.497	0.458	0.455	0.475	0.457	0.450	0.465	3.77
5)	T	1,1,2-Trichloroet	0.346	0.309	0.290	0.298	0.287	0.281	0.302	7.80
6)	I	Chlorobenzene-d5 (IS3	----------ISTD----------							
7)	S	Toluene-d8 (SS2)	2.167	2.189	2.166	2.160	2.157	2.166	2.168	0.52

Method Path : J:\MS08\METHODS\
Method File : R8031907.M
Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
Last Update : Mon Mar 19 16:14:30 2007
Response Via : Initial Calibration

Calibration Files
0.5 =03190705.D 1 =03190706.D 5 =03190707.D 25 =03190708.D
50 =03190709.D 100 =03190710.D =

		Compound	0.5	1	5	25	50	100	Avg	%RSD
58)	T	Toluene	2.942	2.709	2.461	2.427	2.264	2.114	2.486	12.06
59)	T	2-Hexanone	1.336	1.331	1.288	1.302	1.220	1.159	1.273	5.46
60)	T	Dibromochlorometh	0.714	0.686	0.647	0.665	0.637	0.606	0.659	5.81
61)	T	1,2-Dibromoethane	0.764	0.686	0.674	0.687	0.655	0.624	0.682	6.81
62)	T	Butyl Acetate	1.411	1.343	1.398	1.460	1.375	1.290	1.380	4.26
63)	T	n-Octane	0.556	0.534	0.502	0.493	0.457	0.422	0.494	9.90
64)	T	Tetrachloroethene	0.664	0.650	0.588	0.586	0.556	0.522	0.594	9.11
65)	T	Chlorobenzene	1.910	1.724	1.564	1.549	1.458	1.373	1.596	12.13
66)	T	Ethylbenzene	3.173	2.978	2.842	2.835	2.655	2.461	2.824	8.77
67)	T	m- & p-Xylene	2.089	1.949	1.827	1.819	1.691	1.562	1.823	10.18
68)	T	Bromoform	0.422	0.423	0.416	0.441	0.421	0.400	0.420	3.10
69)	T	Styrene	1.742	1.658	1.665	1.699	1.590	1.464	1.636	6.00
70)	T	o-Xylene	2.257	2.060	1.982	1.968	1.825	1.684	1.963	10.02
71)	T	n-Nonane	1.210	1.183	1.100	1.109	1.018	0.927	1.091	9.66
72)	T	1,1,2,2-Tetrachlo	0.988	0.973	0.935	0.951	0.875	0.802	0.921	7.60
73)	S	Bromofluorobenzen	0.662	0.649	0.666	0.668	0.661	0.660	0.661	1.01
74)	T	Cumene	2.942	2.721	2.615	2.653	2.439	2.235	2.601	9.32
75)	T	alpha-Pinene	1.405	1.413	1.366	1.405	1.316	1.226	1.355	5.38
76)	T	n-Propylbenzene	3.701	3.661	3.445	3.486	3.206	2.911	3.402	8.77
77)	T	3-Ethyltoluene	3.039	2.915	2.806	2.857	2.661	2.449	2.788	7.45
78)	T	4-Ethyltoluene	2.759	2.755	2.668	2.641	2.391	2.172	2.564	9.15
79)	T	1,3,5-Trimethylbe	2.300	2.396	2.311	2.305	2.125	1.958	2.233	7.21
80)	T	alpha-Methylstyre	1.077	1.119	1.172	1.263	1.161	1.060	1.142	6.49
81)	T	2-Ethyltoluene	2.930	3.017	2.848	2.888	2.638	2.400	2.787	8.18
82)	T	1,2,4-Trimethylbe	2.180	2.359	2.325	2.282	2.070	1.907	2.187	7.91
83)	T	n-Decane	1.096	1.213	1.163	1.166	1.064	0.960	1.110	8.20
84)	T	Benzyl Chloride	1.803	2.018	2.145	2.248	2.091	1.942	2.041	7.70
85)	T	1,3-Dichlorobenze	1.229	1.339	1.274	1.286	1.169	1.043	1.224	8.61
86)	T	1,4-Dichlorobenze	1.252	1.282	1.243	1.253	1.142	1.023	1.199	8.24
87)	T	sec-Butylbenzene	3.052	3.210	3.107	3.117	2.800	2.471	2.960	9.33
88)	T	p-Isopropyltoluen	2.273	2.542	2.470	2.471	2.208	1.986	2.325	9.04
89)	T	1,2,3-Trimethylbe	2.011	2.285	2.225	2.230	2.020	1.835	2.101	8.28
90)	T	1,2-Dichlorobenze	1.126	1.213	1.185	1.187	1.062	0.924	1.116	9.75
91)	T	d-Limonene	0.721	0.842	0.885	0.894	0.808	0.736	0.814	9.03
92)	T	1,2-Dibromo-3-Chl	0.226	0.285	0.373	0.453	0.426	0.400	0.360	24.33
93)	T	n-Undecane	0.572	0.830	0.913	0.966	0.888	0.800	0.828	16.74
94)	T	1,2,4-Trichlorobe	0.100	0.162	0.230	0.258	0.245	0.223	0.203	29.61
95)	T	Naphthalene	0.974	1.703	2.314	2.813	2.631	2.367	2.134	31.96
96)	T	n-Dodecane	0.382	0.558	0.683	0.766	0.690	0.603	0.613	21.96
97)	T	Hexachloro-1,3-bu	0.180	0.250	0.352	0.427	0.406	0.378	0.332	29.18

#) = Out of Range

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\28\
Data File : 03280701.D
Acq On : 28 Mar 2007 9:03
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 09:32:22 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	108	0.00
2	T	Propene	1.440	1.220	15.3	95	0.00
3	T	Dichlorodifluoromethane	3.114	2.749	11.7	100	0.00
4	T	Chloromethane	2.199	1.959	10.9	96	0.00
5	T	Freon 114	0.955	0.930	2.6	109	0.00
6	T	Vinyl Chloride	1.908	1.725	9.6	101	0.00
7	T	1,3-Butadiene	1.400	1.277	8.8	98	0.00
8	T	Bromomethane	1.162	1.046	10.0	100	0.00
9	T	Chloroethane	1.123	0.977	13.0	99	0.00
0	T	Ethanol	1.010	0.856	15.2	97	0.00
1	T	Acetonitrile	2.482	2.189	11.8	93	0.00
2	T	Acrolein	0.805	0.726	9.8	94	0.00
3	T	Acetone	1.285	0.980	23.7	96	0.00
4	T	Trichlorofluoromethane	2.146	1.941	9.6	101	0.00
5	T	Isopropanol	3.325	2.778	16.5	93	0.00
6	T	Acrylonitrile	1.744	1.551	11.1	96	0.00
7	T	1,1-Dichloroethene	1.317	1.174	10.9	98	0.00
8	T	tert-Butanol	3.244	2.988	7.9	101	0.00
9	T	Methylene Chloride	1.540	1.290	16.2	98	0.00
0	T	Allyl Chloride	1.629	1.494	8.3	93	0.00
1	T	Trichlorotrifluoroethane	1.147	1.030	10.2	101	0.00
2	T	Carbon Disulfide	5.764	4.893	15.1	99	0.00
3	T	trans-1,2-Dichloroethene	2.073	1.836	11.4	97	0.00
4	T	1,1-Dichloroethane	2.093	1.845	11.8	97	0.00
5	T	Methyl tert-Butyl Ether	4.336	3.891	10.3	98	0.00
6	T	Vinyl Acetate	0.292	0.316	-8.2	106	0.00
7	T	2-Butanone	0.989	0.883	10.7	99	0.00
8	T	cis-1,2-Dichloroethene	1.894	1.677	11.5	98	0.00
9	T	Diisopropyl Ether	1.154	1.032	10.6	99	0.00
0	T	Ethyl Acetate	0.477	0.419	12.2	95	0.00
1	T	n-Hexane	2.267	1.900	16.2	94	0.00
2	T	Chloroform	2.136	1.832	14.2	100	0.00
3	S	1,2-Dichloroethane-d4(SS1)	1.764	1.772	-0.5	108	0.00
4	T	Tetrahydrofuran	0.881	0.797	9.5	95	0.00
5	T	Ethyl tert-Butyl Ether	1.712	1.566	8.5	101	0.00
6	T	1,2-Dichloroethane	1.970	1.798	8.7	100	0.00
7	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	110	0.00
8	T	1,1,1-Trichloroethane	0.519	0.472	9.1	100	0.00
9	T	Isopropyl Acetate	0.193	0.174	9.8	97	0.00
0	T	1-Butanol	0.221	0.228	-3.2	95	0.00
1	T	Benzene	1.223	1.071	12.4	98	0.00
2	T	Carbon Tetrachloride	0.399	0.388	2.8	101	0.00
3	T	Cyclohexane	0.478	0.412	13.8	99	0.00
4	T	tert-Amyl Methyl Ether	0.894	0.803	10.2	99	0.00
5	T	1,2-Dichloropropane	0.304	0.265	12.8	98	0.00
6	T	Bromodichloromethane	0.420	0.380	9.5	99	0.00
7	T	Trichloroethene	0.305	0.276	9.5	102	0.00
8	T	1,4-Dioxane	0.228	0.210	7.9	99	0.00
9	T	Isooctane	1.204	1.033	14.2	96	0.00
0	T	Methyl Methacrylate	0.118	0.116	1.7	102	0.00
1	T	n-Heptane	0.303	0.272	10.2	99	0.00

3/28/07
4/3/07

257

Data Path : J:\MS08\Data\2007_03\28\
Data File : 03280701.D
Acq On : 28 Mar 2007 9:03
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 09:32:22 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
62	T	cis-1,3-Dichloropropene	0.499	0.454	9.0	98	0.00
63	T	4-Methyl-2-pentanone	0.259	0.237	8.5	96	0.00
64	T	trans-1,3-Dichloropropene	0.465	0.426	8.4	99	0.00
65	T	1,1,2-Trichloroethane	0.302	0.272	9.9	100	0.00
66	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	110	0.00
67	S	Toluene-d8 (SS2)	2.168	2.136	1.5	109	0.00
68	T	Toluene	2.486	2.191	11.9	99	0.00
69	T	2-Hexanone	1.273	1.124	11.7	95	0.00
70	T	Dibromochloromethane	0.659	0.609	7.6	101	0.00
71	T	1,2-Dibromoethane	0.682	0.623	8.7	100	0.00
72	T	Butyl Acetate	1.380	1.244	9.9	94	0.00
73	T	n-Octane	0.494	0.430	13.0	96	0.00
74	T	Tetrachloroethene	0.594	0.546	8.1	103	0.00
75	T	Chlorobenzene	1.596	1.440	9.8	102	0.00
76	T	Ethylbenzene	2.824	2.580	8.6	100	0.00
77	T	m- & p-Xylene	1.823	1.653	9.3	100	0.00
78	T	Bromoform	0.420	0.408	2.9	102	0.00
79	T	Styrene	1.636	1.539	5.9	100	0.00
80	T	o-Xylene	1.963	1.779	9.4	100	0.00
81	T	n-Nonane	1.091	0.950	12.9	94	0.00
82	T	1,1,2,2-Tetrachloroethane	0.921	0.846	8.1	98	0.00
83	S	Bromofluorobenzene (SS3)	0.661	0.687	-3.9	113	0.00
84	T	Cumene	2.601	2.396	7.9	99	0.00
85	T	alpha-Pinene	1.355	1.258	7.2	99	0.00
86	T	n-Propylbenzene	3.402	3.116	8.4	98	0.00
87	T	3-Ethyltoluene	2.788	2.543	8.8	98	0.00
88	T	4-Ethyltoluene	2.564	2.410	6.0	101	0.00
89	T	1,3,5-Trimethylbenzene	2.233	2.079	6.9	99	0.00
90	T	alpha-Methylstyrene	1.142	1.118	2.1	97	0.00
91	T	2-Ethyltoluene	2.787	2.602	6.6	99	0.00
92	T	1,2,4-Trimethylbenzene	2.187	2.040	6.7	98	0.00
93	T	n-Decane	1.110	1.007	9.3	95	0.00
94	T	Benzyl Chloride	2.041	1.995	2.3	98	0.00
95	T	1,3-Dichlorobenzene	1.224	1.158	5.4	99	0.00
96	T	1,4-Dichlorobenzene	1.199	1.124	6.3	99	0.00
97	T	sec-Butylbenzene	2.960	2.771	6.4	98	0.00
98	T	p-Isopropyltoluene	2.325	2.209	5.0	98	0.00
99	T	1,2,3-Trimethylbenzene	2.101	1.983	5.6	98	0.00
100	T	1,2-Dichlorobenzene	1.116	1.052	5.7	98	0.00
101	T	d-Limonene	0.814	0.751	7.7	93	0.00
102	T	1,2-Dibromo-3-Chloropropane	0.360	0.411	-14.2	100	0.00
103	T	n-Undecane	0.828	0.833	-0.6	95	0.00
104	T	1,2,4-Trichlorobenzene	0.203	0.237	-16.7	101	0.00
105	T	Naphthalene	2.134	2.548	-19.4	100	0.00
106	T	n-Dodecane	0.613	0.673	-9.8	97	0.00
107	T	Hexachloro-1,3-butadiene	0.332	0.391	-17.8	101	0.00

E 3/28/07
(mu 4/3/07

(#) = Out of Range SPCC's out = 0 CCC's out = 0

258

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\28\
Data File : 03280703.D
Acq On : 28 Mar 2007 10:30
Operator : LM/SC
Sample : 1ng TO-15 CCV STD
Misc : S15-03150704/S15-03070703
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 10:57:29 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	97	-0.03
2	T	Propene	1.440	1.363	5.3	87	0.03
3	T	Dichlorodifluoromethane	3.114	3.143	-0.9	90	0.02
4	T	Chloromethane	2.199	2.101	4.5	86	0.01
5	T	Freon 114	0.955	1.043	-9.2	96	0.01
6	T	Vinyl Chloride	1.908	2.013	-5.5	95	0.01
7	T	1,3-Butadiene	1.400	1.441	-2.9	99	0.00
8	T	Bromomethane	1.162	1.075	7.5	90	0.00
9	T	Chloroethane	1.123	1.097	2.3	88	0.00
10	T	Ethanol	1.010	0.878	13.1	81	-0.02
11	T	Acetonitrile	2.482	2.235	10.0	88	-0.01
12	T	Acrolein	0.805	0.733	8.9	100	0.00
13	T	Acetone	1.285	1.502	-16.9	98	-0.02
14	T	Trichlorofluoromethane	2.146	2.136	0.5	92	-0.01
15	T	Isopropanol	3.325	3.400	-2.3	87	-0.03
16	T	Acrylonitrile	1.744	1.589	8.9	91	-0.02
17	T	1,1-Dichloroethene	1.317	1.282	2.7	94	0.00
18	T	tert-Butanol	3.244	3.446	-6.2	93	0.07
19	T	Methylene Chloride	1.540	1.570	-1.9	93	-0.02
20	T	Allyl Chloride	1.629	1.420	12.8	92	-0.01
21	T	Trichlorotrifluoroethane	1.147	1.188	-3.6	96	0.00
22	T	Carbon Disulfide	5.764	6.010	-4.3	94	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.955	5.7	87	-0.02
24	T	1,1-Dichloroethane	2.093	2.041	2.5	89	-0.03
25	T	Methyl tert-Butyl Ether	4.336	4.153	4.2	90	0.00
26	T	Vinyl Acetate	0.292	0.286	2.1	117	-0.02
27	T	2-Butanone	0.989	0.976	1.3	92	-0.01
28	T	cis-1,2-Dichloroethene	1.894	1.870	1.3	93	-0.03
29	T	Diisopropyl Ether	1.154	1.166	-1.0	95	-0.01
30	T	Ethyl Acetate	0.477	0.463	2.9	91	-0.02
31	T	n-Hexane	2.267	2.246	0.9	92	-0.02
32	T	Chloroform	2.136	2.220	-3.9	91	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.830	-3.7	98	-0.02
34	T	Tetrahydrofuran	0.881	0.934	-6.0	95	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.657	3.2	93	-0.01
36	T	1,2-Dichloroethane	1.970	1.898	3.7	87	-0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	98	-0.02
38	T	1,1,1-Trichloroethane	0.519	0.492	5.2	90	-0.02
39	T	Isopropyl Acetate	0.193	0.177	8.3	86	0.00
40	T	1-Butanol	0.221	0.184	16.7	103	0.03
41	T	Benzene	1.223	1.179	3.6	90	-0.02
42	T	Carbon Tetrachloride	0.399	0.327	18.0	87	-0.02
43	T	Cyclohexane	0.478	0.470	1.7	90	-0.02
44	T	tert-Amyl Methyl Ether	0.894	0.847	5.3	92	0.00
45	T	1,2-Dichloropropane	0.304	0.282	7.2	86	-0.02
46	T	Bromodichloromethane	0.420	0.378	10.0	86	-0.02
47	T	Trichloroethene	0.305	0.301	1.3	90	-0.02
48	T	1,4-Dioxane	0.228	0.220	3.5	91	0.00
49	T	Isooctane	1.204	1.193	0.9	91	-0.02
50	T	Methyl Methacrylate	0.118	0.110	6.8	100	0.00
51	T	n-Heptane	0.303	0.289	4.6	88	-0.01

4/1/07
LM 4/3/07

259

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\28\
Data File : 03280703.D
Acq On : 28 Mar 2007 10:30
Operator : LM/SC
Sample : 1ng TO-15 CCV STD
Misc : S15-03150704/S15-03070703
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 10:57:29 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.473	5.2	93	0.00
53	T	4-Methyl-2-pentanone	0.259	0.246	5.0	92	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.430	7.5	92	0.00
55	T	1,1,2-Trichloroethane	0.302	0.293	3.0	93	-0.01
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	102	0.00
57	S	Toluene-d8 (SS2)	2.168	2.124	2.0	99	-0.01
58	T	Toluene	2.486	2.467	0.8	93	-0.01
59	T	2-Hexanone	1.273	1.194	6.2	91	-0.01
60	T	Dibromochloromethane	0.659	0.615	6.7	91	-0.01
61	T	1,2-Dibromoethane	0.682	0.658	3.5	98	0.00
62	T	Butyl Acetate	1.380	1.327	3.8	101	0.00
63	T	n-Octane	0.494	0.521	-5.5	100	-0.01
64	T	Tetrachloroethene	0.594	0.595	-0.2	93	0.00
65	T	Chlorobenzene	1.596	1.552	2.8	92	-0.01
66	T	Ethylbenzene	2.824	2.746	2.8	94	-0.01
67	T	m- & p-Xylene	1.823	1.784	2.1	93	-0.02
68	T	Bromoform	0.420	0.387	7.9	93	-0.01
69	T	Styrene	1.636	1.576	3.7	97	0.00
70	T	o-Xylene	1.963	1.964	-0.1	97	-0.01
71	T	n-Nonane	1.091	1.055	3.3	91	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.906	1.6	95	-0.01
73	S	Bromofluorobenzene (SS3)	0.661	0.707	-7.0	111	0.00
74	T	Cumene	2.601	2.622	-0.8	98	0.00
75	T	alpha-Pinene	1.355	1.285	5.2	93	-0.01
76	T	n-Propylbenzene	3.402	3.417	-0.4	95	0.00
77	T	3-Ethyltoluene	2.788	2.789	-0.0	98	0.00
78	T	4-Ethyltoluene	2.564	2.599	-1.4	96	-0.01
79	T	1,3,5-Trimethylbenzene	2.233	2.290	-2.6	98	0.00
80	T	alpha-Methylstyrene	1.142	1.132	0.9	103	0.00
81	T	2-Ethyltoluene	2.787	2.854	-2.4	97	-0.01
82	T	1,2,4-Trimethylbenzene	2.187	2.308	-5.5	100	-0.01
83	T	n-Decane	1.110	1.121	-1.0	94	-0.01
84	T	Benzyl Chloride	2.041	1.954	4.3	99	0.00
85	T	1,3-Dichlorobenzene	1.224	1.287	-5.1	98	-0.01
86	T	1,4-Dichlorobenzene	1.199	1.247	-4.0	99	0.00
87	T	sec-Butylbenzene	2.960	3.112	-5.1	99	0.00
88	T	p-Isopropyltoluene	2.325	2.523	-8.5	101	-0.01
89	T	1,2,3-Trimethylbenzene	2.101	2.265	-7.8	101	0.00
90	T	1,2-Dichlorobenzene	1.116	1.204	-7.9	101	0.00
91	T	d-Limonene	0.814	0.822	-1.0	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.342	5.0	123	0.00
93	T	n-Undecane	0.828	0.984	-18.8	121	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.262	-29.1	165	0.00
95	T	Naphthalene	2.134	2.748	~~-28.8~~	165	0.00
96	T	n-Dodecane	0.613	1.052	-71.6#	192	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.395	-19.0	161	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

E 3/28/07

LM 4/3/07

260

Evaluate Continuing Calibration Report

Data Path : J:\MS08\DATA\2007_03\28\
Data File : 03280717.D
Acq On : 28 Mar 2007 20:15
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 29 09:17:13 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	105	0.00
2	T	Propene	1.440	1.108	23.1	84	0.00
3	T	Dichlorodifluoromethane	3.114	2.574	17.3	91	0.00
4	T	Chloromethane	2.199	1.699	22.7	81	0.00
5	T	Freon 114	0.955	0.873	8.6	99	0.00
6	T	Vinyl Chloride	1.908	1.707	10.5	97	0.00
7	T	1,3-Butadiene	1.400	1.300	7.1	97	0.00
8	T	Bromomethane	1.162	1.057	9.0	99	0.00
9	T	Chloroethane	1.123	0.940	16.3	93	0.00
10	T	Ethanol	1.010	0.820	18.8	90	0.00
11	T	Acetonitrile	2.482	2.097	15.5	87	0.00
12	T	Acrolein	0.805	0.724	10.1	92	0.00
13	T	Acetone	1.285	0.963	~~25.1~~	92	0.00
14	T	Trichlorofluoromethane	2.146	3.668	-70.9#	185	0.00
15	T	Isopropanol	3.325	2.677	19.5	87	0.00
16	T	Acrylonitrile	1.744	1.533	12.1	92	0.00
17	T	1,1-Dichloroethene	1.317	1.174	10.9	95	0.00
18	T	tert-Butanol	3.244	2.901	10.6	95	0.00
19	T	Methylene Chloride	1.540	1.307	15.1	97	0.00
20	T	Allyl Chloride	1.629	1.469	9.8	89	0.00
21	T	Trichlorotrifluoroethane	1.147	1.054	8.1	100	0.00
22	T	Carbon Disulfide	5.764	4.815	16.5	95	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.822	12.1	94	0.00
24	T	1,1-Dichloroethane	2.093	1.824	12.9	93	0.00
25	T	Methyl tert-Butyl Ether	4.336	3.888	10.3	96	0.00
26	T	Vinyl Acetate	0.292	0.316	-8.2	103	0.00
27	T	2-Butanone	0.989	0.884	10.6	96	0.00
28	T	cis-1,2-Dichloroethene	1.894	1.645	13.1	93	0.00
29	T	Diisopropyl Ether	1.154	1.044	9.5	97	0.00
30	T	Ethyl Acetate	0.477	0.420	11.9	92	0.00
31	T	n-Hexane	2.267	1.931	14.8	93	0.00
32	T	Chloroform	2.136	1.790	16.2	95	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.758	0.3	104	0.00
34	T	Tetrahydrofuran	0.881	0.786	10.8	91	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.565	8.6	98	0.00
36	T	1,2-Dichloroethane	1.970	1.795	8.9	98	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	107	0.00
38	T	1,1,1-Trichloroethane	0.519	0.482	7.1	100	0.00
39	T	Isopropyl Acetate	0.193	0.173	10.4	93	0.00
40	T	1-Butanol	0.221	0.225	-1.8	91	0.00
41	T	Benzene	1.223	1.078	11.9	96	0.00
42	T	Carbon Tetrachloride	0.399	0.388	2.8	98	0.00
43	T	Cyclohexane	0.478	0.411	14.0	96	0.00
44	T	tert-Amyl Methyl Ether	0.894	0.805	10.0	97	0.00
45	T	1,2-Dichloropropane	0.304	0.263	13.5	94	0.00
46	T	Bromodichloromethane	0.420	0.384	8.6	98	0.00
47	T	Trichloroethene	0.305	0.277	9.2	100	0.00
48	T	1,4-Dioxane	0.228	0.212	7.0	98	0.00
49	T	Isooctane	1.204	1.042	13.5	94	0.00
50	T	Methyl Methacrylate	0.118	0.116	1.7	99	0.00
51	T	n-Heptane	0.303	0.273	9.9	97	0.00

12/07

EM 4/3/07

261

Evaluate Continuing Calibration Report

Data Path : J:\MS08\DATA\2007_03\28\
Data File : 03280717.D
Acq On : 28 Mar 2007 20:15
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 29 09:17:13 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.455	8.8	95	0.00
53	T	4-Methyl-2-pentanone	0.259	0.233	10.0	92	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.430	7.5	97	0.00
55	T	1,1,2-Trichloroethane	0.302	0.274	9.3	98	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	107	0.00
57	S	Toluene-d8 (SS2)	2.168	2.119	2.3	105	0.00
58	T	Toluene	2.486	2.224	10.5	98	0.00
59	T	2-Hexanone	1.273	1.113	12.6	92	0.00
60	T	Dibromochloromethane	0.659	0.616	6.5	99	0.00
61	T	1,2-Dibromoethane	0.682	0.635	6.9	99	0.00
62	T	Butyl Acetate	1.380	1.237	10.4	91	0.00
63	T	n-Octane	0.494	0.432	12.6	94	0.00
64	T	Tetrachloroethene	0.594	0.552	7.1	101	0.00
65	T	Chlorobenzene	1.596	1.458	8.6	101	0.00
66	T	Ethylbenzene	2.824	2.616	7.4	99	0.00
67	T	m- & p-Xylene	1.823	1.677	8.0	99	0.00
68	T	Bromoform	0.420	0.413	1.7	100	0.00
69	T	Styrene	1.636	1.565	4.3	99	0.00
70	T	o-Xylene	1.963	1.817	7.4	99	0.00
71	T	n-Nonane	1.091	0.938	14.0	91	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.852	7.5	96	0.00
73	S	Bromofluorobenzene (SS3)	0.661	0.688	-4.1	110	0.00
74	T	Cumene	2.601	2.432	6.5	98	0.00
75	T	alpha-Pinene	1.355	1.269	6.3	97	0.00
76	T	n-Propylbenzene	3.402	3.150	7.4	97	0.00
77	T	3-Ethyltoluene	2.788	2.653	4.8	100	0.00
78	T	4-Ethyltoluene	2.564	2.385	7.0	97	0.00
79	T	1,3,5-Trimethylbenzene	2.233	2.124	4.9	99	0.00
80	T	alpha-Methylstyrene	1.142	1.121	1.8	95	0.00
81	T	2-Ethyltoluene	2.787	2.634	5.5	98	0.00
82	T	1,2,4-Trimethylbenzene	2.187	2.067	5.5	97	0.00
83	T	n-Decane	1.110	1.013	8.7	93	0.00
84	T	Benzyl Chloride	2.041	2.017	1.2	96	0.00
85	T	1,3-Dichlorobenzene	1.224	1.177	3.8	98	0.00
86	T	1,4-Dichlorobenzene	1.199	1.145	4.5	98	0.00
87	T	sec-Butylbenzene	2.960	2.793	5.6	96	0.00
88	T	p-Isopropyltoluene	2.325	2.239	3.7	97	0.00
89	T	1,2,3-Trimethylbenzene	2.101	2.010	4.3	97	0.00
90	T	1,2-Dichlorobenzene	1.116	1.072	3.9	97	0.00
91	T	d-Limonene	0.814	0.762	6.4	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.416	-15.6	98	0.00
93	T	n-Undecane	0.828	0.853	-3.0	95	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.237	-16.7	98	0.00
95	T	Naphthalene	2.134	2.570	-20.4	98	0.00
96	T	n-Dodecane	0.613	0.686	-11.9	96	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.399	-20.2	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3/29/07
LM 4/3/07

262

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\29\
Data File : 03290701.D
Acq On : 29 Mar 2007 9:15
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 09:43:50 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	98	0.00
2	T	Propene	1.440	1.269	11.9	90	0.01
3	T	Dichlorodifluoromethane	3.114	2.784	10.6	91	0.01
4	T	Chloromethane	2.199	2.014	8.4	90	0.00
5	T	Freon 114	0.955	0.891	6.7	94	0.00
6	T	Vinyl Chloride	1.908	1.705	10.6	91	0.00
7	T	1,3-Butadiene	1.400	1.298	7.3	91	0.00
8	T	Bromomethane	1.162	1.049	9.7	91	0.00
9	T	Chloroethane	1.123	0.968	13.8	89	0.00
10	T	Ethanol	1.010	0.863	14.6	89	0.00
11	T	Acetonitrile	2.482	2.224	10.4	86	0.00
12	T	Acrolein	0.805	0.743	7.7	88	0.00
13	T	Acetone	1.285	0.985	23.3	88	0.00
14	T	Trichlorofluoromethane	2.146	1.949	9.2	92	0.00
15	T	Isopropanol	3.325	2.765	16.8	84	0.00
16	T	Acrylonitrile	1.744	1.541	11.6	87	0.00
17	T	1,1-Dichloroethene	1.317	1.159	12.0	88	0.00
18	T	tert-Butanol	3.244	3.092	4.7	95	0.00
19	T	Methylene Chloride	1.540	1.295	15.9	90	0.00
20	T	Allyl Chloride	1.629	1.518	6.8	86	0.00
21	T	Trichlorotrifluoroethane	1.147	1.013	11.7	90	0.00
22	T	Carbon Disulfide	5.764	4.888	15.2	90	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.841	11.2	88	0.00
24	T	1,1-Dichloroethane	2.093	1.859	11.2	89	0.00
25	T	Methyl tert-Butyl Ether	4.336	3.895	10.2	89	0.00
26	T	Vinyl Acetate	0.292	0.314	-7.5	96	0.00
27	T	2-Butanone	0.989	0.868	12.2	88	0.00
28	T	cis-1,2-Dichloroethene	1.894	1.672	11.7	89	0.00
29	T	Diisopropyl Ether	1.154	1.018	11.8	88	0.00
30	T	Ethyl Acetate	0.477	0.426	10.7	88	0.00
31	T	n-Hexane	2.267	1.932	14.8	86	0.00
32	T	Chloroform	2.136	1.798	15.8	89	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.770	-0.3	98	0.00
34	T	Tetrahydrofuran	0.881	0.791	10.2	85	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.544	9.8	90	0.00
36	T	1,2-Dichloroethane	1.970	1.789	9.2	91	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	99	0.00
38	T	1,1,1-Trichloroethane	0.519	0.472	9.1	90	0.00
39	T	Isopropyl Acetate	0.193	0.176	8.8	88	0.00
40	T	1-Butanol	0.221	0.233	-5.4	87	0.00
41	T	Benzene	1.223	1.080	11.7	89	0.00
42	T	Carbon Tetrachloride	0.399	0.387	3.0	90	0.00
43	T	Cyclohexane	0.478	0.416	13.0	90	0.00
44	T	tert-Amyl Methyl Ether	0.894	0.805	10.0	90	0.00
45	T	1,2-Dichloropropane	0.304	0.266	12.5	88	0.00
46	T	Bromodichloromethane	0.420	0.383	8.8	90	0.00
47	T	Trichloroethene	0.305	0.271	11.1	90	0.00
48	T	1,4-Dioxane	0.228	0.212	7.0	90	0.00
49	T	Isooctane	1.204	1.054	12.5	88	-0.01
50	T	Methyl Methacrylate	0.118	0.113	4.2	89	0.00
51	T	n-Heptane	0.303	0.274	9.6	90	0.00

3/29/07
LM 4/3/07

263

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\29\
Data File : 03290701.D
Acq On : 29 Mar 2007 9:15
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 09:43:50 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.460	7.8	89	0.00
53	T	4-Methyl-2-pentanone	0.259	0.239	7.7	87	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.435	6.5	90	0.00
55	T	1,1,2-Trichloroethane	0.302	0.273	9.6	91	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	102	0.00
57	S	Toluene-d8 (SS2)	2.168	2.109	2.7	99	0.00
58	T	Toluene	2.486	2.155	13.3	90	0.00
59	T	2-Hexanone	1.273	1.119	12.1	87	-0.01
60	T	Dibromochloromethane	0.659	0.601	8.8	92	0.00
61	T	1,2-Dibromoethane	0.682	0.615	9.8	91	0.00
62	T	Butyl Acetate	1.380	1.244	9.9	86	-0.01
63	T	n-Octane	0.494	0.427	13.6	88	-0.01
64	T	Tetrachloroethene	0.594	0.530	10.8	92	0.00
65	T	Chlorobenzene	1.596	1.397	12.5	92	0.00
66	T	Ethylbenzene	2.824	2.524	10.6	90	0.00
67	T	m- & p-Xylene	1.823	1.617	11.3	90	-0.01
68	T	Bromoform	0.420	0.395	6.0	91	0.00
69	T	Styrene	1.636	1.502	8.2	90	0.00
70	T	o-Xylene	1.963	1.748	11.0	90	0.00
71	T	n-Nonane	1.091	0.947	13.2	87	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.839	8.9	90	0.00
73	S	Bromofluorobenzene (SS3)	0.661	0.706	-6.8	107	0.00
74	T	Cumene	2.601	2.361	9.2	90	0.00
75	T	alpha-Pinene	1.355	1.239	8.6	90	0.00
76	T	n-Propylbenzene	3.402	3.072	9.7	89	0.00
77	T	3-Ethyltoluene	2.788	2.522	9.5	90	0.00
78	T	4-Ethyltoluene	2.564	2.358	8.0	91	0.00
79	T	1,3,5-Trimethylbenzene	2.233	2.050	8.2	90	0.00
80	T	alpha-Methylstyrene	1.142	1.090	4.6	88	0.00
81	T	2-Ethyltoluene	2.787	2.568	7.9	90	0.00
82	T	1,2,4-Trimethylbenzene	2.187	2.010	8.1	89	0.00
83	T	n-Decane	1.110	1.014	8.6	88	0.00
84	T	Benzyl Chloride	2.041	1.988	2.6	90	0.00
85	T	1,3-Dichlorobenzene	1.224	1.142	6.7	90	0.00
86	T	1,4-Dichlorobenzene	1.199	1.107	7.7	90	0.00
87	T	sec-Butylbenzene	2.960	2.730	7.8	89	0.00
88	T	p-Isopropyltoluene	2.325	2.174	6.5	89	0.00
89	T	1,2,3-Trimethylbenzene	2.101	1.980	5.8	90	0.00
90	T	1,2-Dichlorobenzene	1.116	1.052	5.7	90	0.00
91	T	d-Limonene	0.814	0.752	7.6	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.401	-11.4	90	0.00
93	T	n-Undecane	0.828	0.840	-1.4	88	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.238	-17.2	94	0.00
95	T	Naphthalene	2.134	2.550	-19.5	92	0.00
96	T	n-Dodecane	0.613	0.678	-10.6	90	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.389	-17.2	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3/29/07
LM 4/3/07

264

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\29\
Data File : 03290703.D
Acq On : 29 Mar 2007 10:45
Operator : LM/SC
Sample : 1ng TO-15 CCV STD
Misc : S15-03150704/S15-03070703
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 11:12:17 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	88	-0.03
2	T	Propene	1.440	1.362	5.4	79	0.02
3	T	Dichlorodifluoromethane	3.114	3.144	-1.0	81	0.02
4	T	Chloromethane	2.199	2.118	3.7	78	0.00
5	T	Freon 114	0.955	1.049	-9.8	87	0.00
6	T	Vinyl Chloride	1.908	2.004	-5.0	85	0.00
7	T	1,3-Butadiene	1.400	1.328	5.1	82	0.00
8	T	Bromomethane	1.162	1.084	6.7	82	0.00
9	T	Chloroethane	1.123	1.153	-2.7	84	0.00
10	T	Ethanol	1.010	0.832	17.6	69	-0.03
11	T	Acetonitrile	2.482	2.157	13.1	77	-0.02
12	T	Acrolein	0.805	0.779	3.2	96	0.00
13	T	Acetone	1.285	1.451	-12.9	85	-0.02
14	T	Trichlorofluoromethane	2.146	2.237	-4.2	87	-0.01
15	T	Isopropanol	3.325	3.499	-5.2	81	-0.03
16	T	Acrylonitrile	1.744	1.545	11.4	79	-0.03
17	T	1,1-Dichloroethene	1.317	1.312	0.4	86	0.00
18	T	tert-Butanol	3.244	3.427	-5.6	83	-0.02
19	T	Methylene Chloride	1.540	1.527	0.8	81	-0.02
20	T	Allyl Chloride	1.629	1.372	15.8	80	-0.02
21	T	Trichlorotrifluoroethane	1.147	1.147	0.0	83	-0.01
22	T	Carbon Disulfide	5.764	6.208	-7.7	87	-0.01
23	T	trans-1,2-Dichloroethene	2.073	1.967	5.1	79	-0.03
24	T	1,1-Dichloroethane	2.093	2.068	1.2	81	-0.03
25	T	Methyl tert-Butyl Ether	4.336	4.204	3.0	82	-0.01
26	T	Vinyl Acetate	0.292	0.288	1.4	106	-0.02
27	T	2-Butanone	0.989	0.972	1.7	82	-0.02
28	T	cis-1,2-Dichloroethene	1.894	1.838	3.0	82	-0.02
29	T	Diisopropyl Ether	1.154	1.120	2.9	82	-0.02
30	T	Ethyl Acetate	0.477	0.466	2.3	83	-0.02
31	T	n-Hexane	2.267	2.273	-0.3	84	-0.01
32	T	Chloroform	2.136	2.313	-8.3	85	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.856	-5.2	90	-0.02
34	T	Tetrahydrofuran	0.881	0.877	0.5	81	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.658	3.2	83	-0.02
36	T	1,2-Dichloroethane	1.970	1.941	1.5	80	-0.03
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	89	-0.02
38	T	1,1,1-Trichloroethane	0.519	0.512	1.3	85	-0.02
39	T	Isopropyl Acetate	0.193	0.188	2.6	82	0.00
40	T	1-Butanol	0.221	0.188	14.9	95	0.02
41	T	Benzene	1.223	1.183	3.3	82	-0.02
42	T	Carbon Tetrachloride	0.399	0.318	20.3	77	-0.02
43	T	Cyclohexane	0.478	0.474	0.8	82	-0.02
44	T	tert-Amyl Methyl Ether	0.894	0.848	5.1	83	-0.01
45	T	1,2-Dichloropropane	0.304	0.300	1.3	82	-0.02
46	T	Bromodichloromethane	0.420	0.407	3.1	84	-0.02
47	T	Trichloroethene	0.305	0.300	1.6	81	-0.02
48	T	1,4-Dioxane	0.228	0.218	4.4	82	0.00
49	T	Isooctane	1.204	1.182	1.8	82	-0.02
50	T	Methyl Methacrylate	0.118	0.113	4.2	93	-0.01
51	T	n-Heptane	0.303	0.306	-1.0	84	-0.01

3/29/07

LM 4/3/07

265

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\29\
Data File : 03290703.D
Acq On : 29 Mar 2007 10:45
Operator : LM/SC
Sample : 1ng TO-15 CCV STD
Misc : S15-03150704/S15-03070703
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 11:12:17 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.470	5.8	83	-0.02
53	T	4-Methyl-2-pentanone	0.259	0.247	4.6	84	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.438	5.8	85	0.00
55	T	1,1,2-Trichloroethane	0.302	0.285	5.6	82	-0.01
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	94	0.00
57	S	Toluene-d8 (SS2)	2.168	2.104	3.0	90	-0.01
58	T	Toluene	2.486	2.400	3.5	83	-0.02
59	T	2-Hexanone	1.273	1.149	9.7	81	-0.01
60	T	Dibromochloromethane	0.659	0.592	10.2	81	-0.01
61	T	1,2-Dibromoethane	0.682	0.652	4.4	89	0.00
62	T	Butyl Acetate	1.380	1.257	8.9	88	0.00
63	T	n-Octane	0.494	0.481	2.6	85	-0.01
64	T	Tetrachloroethene	0.594	0.568	4.4	82	0.00
65	T	Chlorobenzene	1.596	1.548	3.0	84	-0.01
66	T	Ethylbenzene	2.824	2.664	5.7	84	-0.01
67	T	m- & p-Xylene	1.823	1.755	3.7	85	-0.02
68	T	Bromoform	0.420	0.384	8.6	85	0.00
69	T	Styrene	1.636	1.533	6.3	87	0.00
70	T	o-Xylene	1.963	1.913	2.5	87	-0.01
71	T	n-Nonane	1.091	1.030	5.6	82	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.891	3.3	86	-0.01
73	S	Bromofluorobenzene (SS3)	0.661	0.698	-5.6	101	0.00
74	T	Cumene	2.601	2.561	1.5	88	0.00
75	T	alpha-Pinene	1.355	1.263	6.8	84	0.00
76	T	n-Propylbenzene	3.402	3.287	3.4	84	0.00
77	T	3-Ethyltoluene	2.788	2.693	3.4	87	0.00
78	T	4-Ethyltoluene	2.564	2.556	0.3	87	-0.01
79	T	1,3,5-Trimethylbenzene	2.233	2.251	-0.8	88	0.00
80	T	alpha-Methylstyrene	1.142	1.071	6.2	90	0.00
81	T	2-Ethyltoluene	2.787	2.751	1.3	86	0.00
82	T	1,2,4-Trimethylbenzene	2.187	2.267	-3.7	90	-0.01
83	T	n-Decane	1.110	1.124	-1.3	87	0.00
84	T	Benzyl Chloride	2.041	1.934	5.2	90	-0.01
85	T	1,3-Dichlorobenzene	1.224	1.252	-2.3	88	0.00
86	T	1,4-Dichlorobenzene	1.199	1.217	-1.5	89	0.00
87	T	sec-Butylbenzene	2.960	2.967	-0.2	87	0.00
88	T	p-Isopropyltoluene	2.325	2.447	-5.2	90	-0.01
89	T	1,2,3-Trimethylbenzene	2.101	2.183	-3.9	90	0.00
90	T	1,2-Dichlorobenzene	1.116	1.214	-8.8	94	0.00
91	T	d-Limonene	0.814	0.794	2.5	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.324	10.0	107	-0.01
93	T	n-Undecane	0.828	0.981	-18.5	111	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.282	-38.9#	163	0.00
95	T	Naphthalene	2.134	2.713	-27.1	150	0.00
96	T	n-Dodecane	0.613	1.090	-77.8#	184	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.405	-22.0	153	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3/29/07
4/3/07

266

Evaluate Continuing Calibration Report

Data Path : J:\MS08\DATA\2007_03\29\
Data File : 03290717.D
Acq On : 29 Mar 2007 21:06
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 09:35:46 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	99	-0.01
2	T	Propene	1.440	1.170	18.8	84	0.00
3	T	Dichlorodifluoromethane	3.114	2.702	13.2	90	0.00
4	T	Chloromethane	2.199	1.916	12.9	86	0.00
5	T	Freon 114	0.955	0.875	8.4	94	0.00
6	T	Vinyl Chloride	1.908	1.751	8.2	94	0.00
7	T	1,3-Butadiene	1.400	1.319	5.8	93	0.00
8	T	Bromomethane	1.162	1.074	7.6	94	-0.01
9	T	Chloroethane	1.123	0.995	11.4	92	-0.01
10	T	Ethanol	1.010	0.840	16.8	87	-0.01
11	T	Acetonitrile	2.482	2.199	11.4	86	-0.02
12	T	Acrolein	0.805	0.748	7.1	89	0.00
13	T	Acetone	1.285	0.998	22.3	90	-0.02
14	T	Trichlorofluoromethane	2.146	1.983	7.6	94	0.00
15	T	Isopropanol	3.325	2.761	17.0	85	-0.01
16	T	Acrylonitrile	1.744	1.567	10.1	89	-0.01
17	T	1,1-Dichloroethene	1.317	1.206	8.4	92	0.00
18	T	tert-Butanol	3.244	2.951	9.0	91	-0.02
19	T	Methylene Chloride	1.540	1.343	12.8	94	0.00
20	T	Allyl Chloride	1.629	1.500	7.9	86	0.00
21	T	Trichlorotrifluoroethane	1.147	1.075	6.3	96	-0.01
22	T	Carbon Disulfide	5.764	4.963	13.9	92	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.844	11.0	90	-0.01
24	T	1,1-Dichloroethane	2.093	1.859	11.2	90	0.00
25	T	Methyl tert-Butyl Ether	4.336	4.002	7.7	93	-0.01
26	T	Vinyl Acetate	0.292	0.322	-10.3	99	0.00
27	T	2-Butanone	0.989	0.906	8.4	93	-0.02
28	T	cis-1,2-Dichloroethene	1.894	1.688	10.9	90	0.00
29	T	Diisopropyl Ether	1.154	1.062	8.0	93	0.00
30	T	Ethyl Acetate	0.477	0.431	9.6	89	-0.01
31	T	n-Hexane	2.267	1.976	12.8	89	0.00
32	T	Chloroform	2.136	1.831	14.3	92	-0.01
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.735	1.6	97	0.00
34	T	Tetrahydrofuran	0.881	0.809	8.2	88	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.613	5.8	95	-0.01
36	T	1,2-Dichloroethane	1.970	1.848	6.2	95	-0.01
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	101	0.00
38	T	1,1,1-Trichloroethane	0.519	0.487	6.2	96	0.00
39	T	Isopropyl Acetate	0.193	0.177	8.3	90	0.00
40	T	1-Butanol	0.221	0.230	-4.1	88	-0.01
41	T	Benzene	1.223	1.096	10.4	93	0.00
42	T	Carbon Tetrachloride	0.399	0.390	2.3	93	0.00
43	T	Cyclohexane	0.478	0.422	11.7	93	0.00
44	T	tert-Amyl Methyl Ether	0.894	0.819	8.4	94	0.00
45	T	1,2-Dichloropropane	0.304	0.269	11.5	91	0.00
46	T	Bromodichloromethane	0.420	0.394	6.2	95	0.00
47	T	Trichloroethene	0.305	0.283	7.2	97	0.00
48	T	1,4-Dioxane	0.228	0.216	5.3	95	0.00
49	T	Isooctane	1.204	1.057	12.2	90	0.00
50	T	Methyl Methacrylate	0.118	0.117	0.8	95	0.00
51	T	n-Heptane	0.303	0.276	8.9	93	0.00

3/30/07
LM 4/3/07

267

Evaluate Continuing Calibration Report

Data Path : J:\MS08\DATA\2007_03\29\
Data File : 03290717.D
Acq On : 29 Mar 2007 21:06
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 09:35:46 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.466	6.6	93	0.00
53	T	4-Methyl-2-pentanone	0.259	0.242	6.6	91	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.434	6.7	93	0.00
55	T	1,1,2-Trichloroethane	0.302	0.279	7.6	95	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	102	0.00
57	S	Toluene-d8 (SS2)	2.168	2.127	1.9	100	0.00
58	T	Toluene	2.486	2.258	9.2	95	0.00
59	T	2-Hexanone	1.273	1.133	11.0	89	0.00
60	T	Dibromochloromethane	0.659	0.625	5.2	96	0.00
61	T	1,2-Dibromoethane	0.682	0.644	5.6	96	0.00
62	T	Butyl Acetate	1.380	1.255	9.1	88	0.00
63	T	n-Octane	0.494	0.439	11.1	91	0.00
64	T	Tetrachloroethene	0.594	0.555	6.6	97	0.00
65	T	Chlorobenzene	1.596	1.471	7.8	97	0.00
66	T	Ethylbenzene	2.824	2.644	6.4	95	0.00
67	T	m- & p-Xylene	1.823	1.698	6.9	95	0.00
68	T	Bromoform	0.420	0.416	1.0	96	0.00
69	T	Styrene	1.636	1.580	3.4	95	0.00
70	T	o-Xylene	1.963	1.834	6.6	95	0.00
71	T	n-Nonane	1.091	0.960	12.0	88	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.865	6.1	93	0.00
73	S	Bromofluorobenzene (SS3)	0.661	0.701	-6.1	107	0.00
74	T	Cumene	2.601	2.468	5.1	95	0.00
75	T	alpha-Pinene	1.355	1.288	4.9	93	0.00
76	T	n-Propylbenzene	3.402	3.209	5.7	94	0.00
77	T	3-Ethyltoluene	2.788	2.646	5.1	94	0.00
78	T	4-Ethyltoluene	2.564	2.440	4.8	94	0.00
79	T	1,3,5-Trimethylbenzene	2.233	2.138	4.3	95	0.00
80	T	alpha-Methylstyrene	1.142	1.135	0.6	92	0.00
81	T	2-Ethyltoluene	2.787	2.669	4.2	94	0.00
82	T	1,2,4-Trimethylbenzene	2.187	2.093	4.3	93	0.00
83	T	n-Decane	1.110	1.030	7.2	90	0.00
84	T	Benzyl Chloride	2.041	2.061	-1.0	93	0.00
85	T	1,3-Dichlorobenzene	1.224	1.187	3.0	94	0.00
86	T	1,4-Dichlorobenzene	1.199	1.167	2.7	95	0.00
87	T	sec-Butylbenzene	2.960	2.842	4.0	93	0.00
88	T	p-Isopropyltoluene	2.325	2.274	2.2	94	0.00
89	T	1,2,3-Trimethylbenzene	2.101	2.040	2.9	93	0.00
90	T	1,2-Dichlorobenzene	1.116	1.092	2.2	94	0.00
91	T	d-Limonene	0.814	0.765	6.0	87	-0.01
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.425	-18.1	96	-0.01
93	T	n-Undecane	0.828	0.840	-1.4	89	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.242	-19.2	96	0.00
95	T	Naphthalene	2.134	2.567	-20.3	93	0.00
96	T	n-Dodecane	0.613	0.667	-8.8	89	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.409	-23.2	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3/30/07
LM 4/3/07

268

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\30\
Data File : 03300701.D
Acq On : 30 Mar 2007 8:18
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 09:04:09 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	94	0.00
2	T	Propene	1.440	1.215	15.6	82	0.01
3	T	Dichlorodifluoromethane	3.114	2.758	11.4	87	0.01
4	T	Chloromethane	2.199	1.843	16.2	79	0.00
5	T	Freon 114	0.955	0.911	4.6	93	0.00
6	T	Vinyl Chloride	1.908	1.751	8.2	89	0.01
7	T	1,3-Butadiene	1.400	1.331	4.9	89	0.00
8	T	Bromomethane	1.162	1.094	5.9	91	0.00
9	T	Chloroethane	1.123	0.993	11.6	88	0.00
10	T	Ethanol	1.010	0.862	14.7	85	0.00
11	T	Acetonitrile	2.482	2.263	8.8	84	0.00
12	T	Acrolein	0.805	0.765	5.0	87	0.00
13	T	Acetone	1.285	1.018	20.8	87	0.00
14	T	Trichlorofluoromethane	2.146	2.029	5.5	92	0.00
15	T	Isopropanol	3.325	2.866	13.8	83	0.00
16	T	Acrylonitrile	1.744	1.601	8.2	86	0.00
17	T	1,1-Dichloroethene	1.317	1.229	6.7	89	0.00
18	T	tert-Butanol	3.244	3.073	5.3	90	0.00
19	T	Methylene Chloride	1.540	1.362	11.6	90	0.00
20	T	Allyl Chloride	1.629	1.578	3.1	86	0.00
21	T	Trichlorotrifluoroethane	1.147	1.071	6.6	91	0.00
22	T	Carbon Disulfide	5.764	5.047	12.4	89	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.902	8.2	88	0.00
24	T	1,1-Dichloroethane	2.093	1.946	7.0	89	0.00
25	T	Methyl tert-Butyl Ether	4.336	4.060	6.4	89	0.00
26	T	Vinyl Acetate	0.292	0.315	-7.9	92	0.00
27	T	2-Butanone	0.989	0.915	7.5	89	0.00
28	T	cis-1,2-Dichloroethene	1.894	1.728	8.8	88	0.00
29	T	Diisopropyl Ether	1.154	1.071	7.2	89	0.00
30	T	Ethyl Acetate	0.477	0.443	7.1	87	0.00
31	T	n-Hexane	2.267	2.028	10.5	87	0.00
32	T	Chloroform	2.136	1.911	10.5	91	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.763	0.1	93	0.00
34	T	Tetrahydrofuran	0.881	0.836	5.1	86	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.632	4.7	91	0.00
36	T	1,2-Dichloroethane	1.970	1.866	5.3	91	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	95	0.00
38	T	1,1,1-Trichloroethane	0.519	0.499	3.9	92	0.00
39	T	Isopropyl Acetate	0.193	0.183	5.2	88	0.00
40	T	1-Butanol	0.221	0.239	-8.1	86	0.00
41	T	Benzene	1.223	1.126	7.9	89	0.00
42	T	Carbon Tetrachloride	0.399	0.407	-2.0	91	0.00
43	T	Cyclohexane	0.478	0.434	9.2	90	0.00
44	T	tert-Amyl Methyl Ether	0.894	0.849	5.0	91	0.00
45	T	1,2-Dichloropropane	0.304	0.277	8.9	88	0.00
46	T	Bromodichloromethane	0.420	0.405	3.6	92	0.00
47	T	Trichloroethene	0.305	0.286	6.2	91	0.00
48	T	1,4-Dioxane	0.228	0.221	3.1	90	0.00
49	T	Isooctane	1.204	1.095	9.1	87	0.00
50	T	Methyl Methacrylate	0.118	0.121	-2.5	91	0.00
51	T	n-Heptane	0.303	0.286	5.6	90	0.00

3/30/07
LM 4/3/07

269

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\30\
Data File : 03300701.D
Acq On : 30 Mar 2007 8:18
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 09:04:09 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.484	3.0	90	0.00
53	T	4-Methyl-2-pentanone	0.259	0.249	3.9	88	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.449	3.4	90	0.00
55	T	1,1,2-Trichloroethane	0.302	0.287	5.0	91	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	97	0.00
57	S	Toluene-d8 (SS2)	2.168	2.095	3.4	94	0.00
58	T	Toluene	2.486	2.265	8.9	90	0.00
59	T	2-Hexanone	1.273	1.149	9.7	86	0.00
60	T	Dibromochloromethane	0.659	0.629	4.6	92	0.00
61	T	1,2-Dibromoethane	0.682	0.652	4.4	92	0.00
62	T	Butyl Acetate	1.380	1.290	6.5	86	0.00
63	T	n-Octane	0.494	0.449	9.1	88	0.00
64	T	Tetrachloroethene	0.594	0.566	4.7	94	0.00
65	T	Chlorobenzene	1.596	1.474	7.6	92	0.00
66	T	Ethylbenzene	2.824	2.659	5.8	91	0.00
67	T	m- & p-Xylene	1.823	1.713	6.0	91	0.00
68	T	Bromoform	0.420	0.419	0.2	92	0.00
69	T	Styrene	1.636	1.585	3.1	90	0.00
70	T	o-Xylene	1.963	1.854	5.6	91	0.00
71	T	n-Nonane	1.091	0.979	10.3	86	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.877	4.8	89	0.00
73	S	Bromofluorobenzene (SS3)	0.661	0.699	-5.7	101	0.00
74	T	Cumene	2.601	2.484	4.5	91	0.00
75	T	alpha-Pinene	1.355	1.310	3.3	90	0.00
76	T	n-Propylbenzene	3.402	3.246	4.6	90	0.00
77	T	3-Ethyltoluene	2.788	2.644	5.2	90	0.00
78	T	4-Ethyltoluene	2.564	2.496	2.7	92	0.00
79	T	1,3,5-Trimethylbenzene	2.233	2.151	3.7	90	0.00
80	T	alpha-Methylstyrene	1.142	1.141	0.1	88	0.00
81	T	2-Ethyltoluene	2.787	2.701	3.1	91	0.00
82	T	1,2,4-Trimethylbenzene	2.187	2.124	2.9	90	0.00
83	T	n-Decane	1.110	1.061	4.4	88	0.00
84	T	Benzyl Chloride	2.041	2.094	-2.6	90	0.00
85	T	1,3-Dichlorobenzene	1.224	1.200	2.0	90	0.00
86	T	1,4-Dichlorobenzene	1.199	1.172	2.3	91	0.00
87	T	sec-Butylbenzene	2.960	2.862	3.3	89	0.00
88	T	p-Isopropyltoluene	2.325	2.285	1.7	90	0.00
89	T	1,2,3-Trimethylbenzene	2.101	2.068	1.6	90	0.00
90	T	1,2-Dichlorobenzene	1.116	1.106	0.9	90	0.00
91	T	d-Limonene	0.814	0.778	4.4	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.433	-20.3	93	0.00
93	T	n-Undecane	0.828	0.876	-5.8	88	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.246	-21.2	93	0.00
95	T	Naphthalene	2.134	2.668	-25.0	92	0.00
96	T	n-Dodecane	0.613	0.708	-15.5	90	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.417	-25.6	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3/30/07
4/3/07

270

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\30\
Data File : 03300704.D
Acq On : 30 Mar 2007 11:20
Operator : LM/SC
Sample : 1ng TO-15 CCV STD
Misc : S15-03150703/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 15:16:02 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	101	-0.03
2	T	Propene	1.440	1.189	17.4	79	0.03
3	T	Dichlorodifluoromethane	3.114	2.780	10.7	83	0.03
4	T	Chloromethane	2.199	1.778	19.1	76	0.02
5	T	Freon 114	0.955	0.874	8.5	83	0.02
6	T	Vinyl Chloride	1.908	1.676	12.2	81	0.01
7	T	1,3-Butadiene	1.400	1.168	16.6	83	0.01
8	T	Bromomethane	1.162	0.978	15.8	85	0.00
9	T	Chloroethane	1.123	0.933	16.9	78	0.00
10	T	Ethanol	1.010	0.747	26.0	72	-0.02
11	T	Acetonitrile	2.482	1.968	20.7	80	0.00
12	T	Acrolein	0.805	0.608	24.5	86	0.00
13	T	Acetone	1.285	1.253	2.5	84	0.00
14	T	Trichlorofluoromethane	2.146	1.811	15.6	81	0.00
15	T	Isopropanol	3.325	2.991	10.0	79	-0.02
16	T	Acrylonitrile	1.744	1.338	23.3	79	-0.02
17	T	1,1-Dichloroethene	1.317	1.085	17.6	82	0.00
18	T	tert-Butanol	3.244	2.944	9.2	82	-0.02
19	T	Methylene Chloride	1.540	1.312	14.8	80	-0.01
20	T	Allyl Chloride	1.629	1.236	24.1	83	-0.01
21	T	Trichlorotrifluoroethane	1.147	0.944	17.7	79	0.00
22	T	Carbon Disulfide	5.764	4.946	14.2	80	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.707	17.7	78	-0.02
24	T	1,1-Dichloroethane	2.093	1.880	10.2	85	-0.02
25	T	Methyl tert-Butyl Ether	4.336	3.735	13.9	84	0.00
26	T	Vinyl Acetate	0.292	0.230	21.2	98	0.00
27	T	2-Butanone	0.989	0.844	14.7	82	-0.01
28	T	cis-1,2-Dichloroethene	1.894	1.600	15.5	82	-0.02
29	T	Diisopropyl Ether	1.154	0.991	14.1	83	0.00
30	T	Ethyl Acetate	0.477	0.390	18.2	79	-0.01
31	T	n-Hexane	2.267	1.996	12.0	85	0.00
32	T	Chloroform	2.136	1.927	9.8	82	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.840	-4.3	102	-0.02
34	T	Tetrahydrofuran	0.881	0.791	10.2	83	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.406	17.9	81	-0.02
36	T	1,2-Dichloroethane	1.970	1.629	17.3	77	-0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	103	-0.01
38	T	1,1,1-Trichloroethane	0.519	0.429	17.3	82	-0.02
39	T	Isopropyl Acetate	0.193	0.155	19.7	79	0.00
40	T	1-Butanol	0.221	0.151	31.7#	89	0.02
41	T	Benzene	1.223	1.041	14.9	84	-0.01
42	T	Carbon Tetrachloride	0.399	0.267	33.1#	75	-0.01
43	T	Cyclohexane	0.478	0.384	19.7	78	-0.02
44	T	tert-Amyl Methyl Ether	0.894	0.725	18.9	82	0.00
45	T	1,2-Dichloropropane	0.304	0.245	19.4	78	-0.01
46	T	Bromodichloromethane	0.420	0.335	20.2	80	-0.02
47	T	Trichloroethene	0.305	0.257	15.7	81	-0.02
48	T	1,4-Dioxane	0.228	0.190	16.7	83	0.00
49	T	Isooctane	1.204	1.003	16.7	81	-0.02
50	T	Methyl Methacrylate	0.118	0.092	22.0	88	0.00
51	T	n-Heptane	0.303	0.258	14.9	82	-0.01

3/30/07
LM 4/3/07

271

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\30\
Data File : 03300704.D
Acq On : 30 Mar 2007 11:20
Operator : LM/SC
Sample : 1ng TO-15 CCV STD
Misc : S15-03150703/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 15:16:02 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.399	20.0	82	0.00
53	T	4-Methyl-2-pentanone	0.259	0.214	17.4	84	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.359	22.8	81	0.00
55	T	1,1,2-Trichloroethane	0.302	0.244	19.2	82	-0.01
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	106	0.00
57	S	Toluene-d8 (SS2)	2.168	2.135	1.5	103	-0.01
58	T	Toluene	2.486	2.103	15.4	82	-0.01
59	T	2-Hexanone	1.273	1.044	18.0	83	0.00
60	T	Dibromochloromethane	0.659	0.536	18.7	83	0.00
61	T	1,2-Dibromoethane	0.682	0.564	17.3	87	0.00
62	T	Butyl Acetate	1.380	1.079	21.8	85	0.00
63	T	n-Octane	0.494	0.452	8.5	89	-0.01
64	T	Tetrachloroethene	0.594	0.507	14.6	83	0.00
65	T	Chlorobenzene	1.596	1.373	14.0	84	0.00
66	T	Ethylbenzene	2.824	2.363	16.3	84	0.00
67	T	m- & p-Xylene	1.823	1.566	14.1	85	-0.02
68	T	Bromoform	0.420	0.354	15.7	89	0.00
69	T	Styrene	1.636	1.348	17.6	86	0.00
70	T	o-Xylene	1.963	1.692	13.8	87	-0.01
71	T	n-Nonane	1.091	0.884	19.0	79	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.768	16.6	84	-0.01
73	S	Bromofluorobenzene (SS3)	0.661	0.684	-3.5	112	0.00
74	T	Cumene	2.601	2.258	13.2	88	0.00
75	T	alpha-Pinene	1.355	1.125	17.0	84	0.00
76	T	n-Propylbenzene	3.402	2.907	14.6	84	0.00
77	T	3-Ethyltoluene	2.788	2.366	15.1	86	0.00
78	T	4-Ethyltoluene	2.564	2.209	13.8	85	-0.01
79	T	1,3,5-Trimethylbenzene	2.233	1.979	11.4	87	0.00
80	T	alpha-Methylstyrene	1.142	0.914	20.0	86	0.00
81	T	2-Ethyltoluene	2.787	2.493	10.5	87	0.00
82	T	1,2,4-Trimethylbenzene	2.187	1.968	10.0	88	-0.01
83	T	n-Decane	1.110	1.000	9.9	87	-0.01
84	T	Benzyl Chloride	2.041	1.669	18.2	88	-0.01
85	T	1,3-Dichlorobenzene	1.224	1.092	10.8	86	-0.01
86	T	1,4-Dichlorobenzene	1.199	1.060	11.6	88	0.00
87	T	sec-Butylbenzene	2.960	2.628	11.2	87	0.00
88	T	p-Isopropyltoluene	2.325	2.116	9.0	88	-0.01
89	T	1,2,3-Trimethylbenzene	2.101	1.953	7.0	90	0.00
90	T	1,2-Dichlorobenzene	1.116	1.028	7.9	90	0.00
91	T	d-Limonene	0.814	0.697	14.4	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.304	15.6	113	0.00
93	T	n-Undecane	0.828	0.848	-2.4	108	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.213	-4.9	139	0.00
95	T	Naphthalene	2.134	2.327	-9.0	145	0.00
96	T	n-Dodecane	0.613	0.887	-44.7#	168	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.338	-1.8	143	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3/30/07
4/3/07

272

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\30\
Data File : 03300716.D
Acq On : 30 Mar 2007 20:09
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150703/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 02 09:25:48 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	109	-0.01
2	T	Propene	1.440	1.008	30.0	79	0.00
3	T	Dichlorodifluoromethane	3.114	2.388	23.3	87	0.00
4	T	Chloromethane	2.199	1.536	30.2#	77	0.00
5	T	Freon 114	0.955	0.807	15.5	95	0.00
6	T	Vinyl Chloride	1.908	1.584	17.0	94	0.00
7	T	1,3-Butadiene	1.400	1.173	16.2	91	0.00
8	T	Bromomethane	1.162	0.963	17.1	93	0.00
9	T	Chloroethane	1.123	0.877	21.9	90	0.00
10	T	Ethanol	1.010	0.735	27.2	84	-0.01
11	T	Acetonitrile	2.482	1.897	23.6	82	-0.01
12	T	Acrolein	0.805	0.664	17.5	87	0.00
13	T	Acetone	1.285	0.882	31.4#	88	-0.01
14	T	Trichlorofluoromethane	2.146	1.767	17.7	93	0.00
15	T	Isopropanol	3.325	2.411	27.5	82	-0.01
16	T	Acrylonitrile	1.744	1.380	20.9	86	-0.01
17	T	1,1-Dichloroethene	1.317	1.078	18.1	91	0.00
18	T	tert-Butanol	3.244	2.590	20.2	88	-0.01
19	T	Methylene Chloride	1.540	1.169	24.1	90	0.00
20	T	Allyl Chloride	1.629	1.290	20.8	81	0.00
21	T	Trichlorotrifluoroethane	1.147	0.945	17.6	93	0.00
22	T	Carbon Disulfide	5.764	4.374	24.1	90	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.648	20.5	88	-0.01
24	T	1,1-Dichloroethane	2.093	1.655	20.9	88	0.00
25	T	Methyl tert-Butyl Ether	4.336	3.538	18.4	90	0.00
26	T	Vinyl Acetate	0.292	0.279	4.5	95	0.00
27	T	2-Butanone	0.989	0.790	20.1	89	-0.01
28	T	cis-1,2-Dichloroethene	1.894	1.477	22.0	87	0.00
29	T	Diisopropyl Ether	1.154	0.943	18.3	91	0.00
30	T	Ethyl Acetate	0.477	0.376	21.2	86	-0.01
31	T	n-Hexane	2.267	1.739	23.3	87	0.00
32	T	Chloroform	2.136	1.633	23.5	90	-0.01
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.766	-0.1	109	0.00
34	T	Tetrahydrofuran	0.881	0.707	19.8	85	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.426	16.7	93	-0.01
36	T	1,2-Dichloroethane	1.970	1.641	16.7	93	-0.01
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	113	0.00
38	T	1,1,1-Trichloroethane	0.519	0.429	17.3	94	0.00
39	T	Isopropyl Acetate	0.193	0.153	20.7	87	-0.01
40	T	1-Butanol	0.221	0.200	9.5	86	-0.01
41	T	Benzene	1.223	0.957	21.7	90	0.00
42	T	Carbon Tetrachloride	0.399	0.348	12.8	93	0.00
43	T	Cyclohexane	0.478	0.367	23.2	90	0.00
44	T	tert-Amyl Methyl Ether	0.894	0.717	19.8	91	0.00
45	T	1,2-Dichloropropane	0.304	0.235	22.7	89	0.00
46	T	Bromodichloromethane	0.420	0.343	18.3	92	-0.01
47	T	Trichloroethene	0.305	0.249	18.4	95	0.00
48	T	1,4-Dioxane	0.228	0.187	18.0	91	0.00
49	T	Isooctane	1.204	0.928	22.9	88	-0.01
50	T	Methyl Methacrylate	0.118	0.102	13.6	92	0.00
51	T	n-Heptane	0.303	0.242	20.1	91	0.00

E. 4/2/07
LM 4/3/07

273

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_03\30\
Data File : 03300716.D
Acq On : 30 Mar 2007 20:09
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150703/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 02 09:25:48 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
4	T	cis-1,3-Dichloropropene	0.499	0.408	18.2	90	0.00
5	T	4-Methyl-2-pentanone	0.259	0.209	19.3	87	-0.01
4	T	trans-1,3-Dichloropropene	0.465	0.379	18.5	90	0.00
5	T	1,1,2-Trichloroethane	0.302	0.246	18.5	93	0.00
6	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	113	0.00
7	S	Toluene-d8 (SS2)	2.168	2.142	1.2	112	0.00
8	T	Toluene	2.486	1.997	19.7	93	-0.01
9	T	2-Hexanone	1.273	0.993	22.0	86	-0.01
0	T	Dibromochloromethane	0.659	0.554	15.9	94	0.00
1	T	1,2-Dibromoethane	0.682	0.568	16.7	93	0.00
2	T	Butyl Acetate	1.380	1.098	20.4	85	-0.01
	T	n-Octane	0.494	0.386	21.9	88	-0.01
	T	Tetrachloroethene	0.594	0.494	16.8	95	0.00
	T	Chlorobenzene	1.596	1.309	18.0	95	0.00
6	T	Ethylbenzene	2.824	2.354	16.6	93	0.00
7	T	m- & p-Xylene	1.823	1.506	17.4	93	-0.02
8	T	Bromoform	0.420	0.375	10.7	96	0.00
9	T	Styrene	1.636	1.402	14.3	93	0.00
0	T	o-Xylene	1.963	1.632	16.9	93	0.00
1	T	n-Nonane	1.091	0.841	22.9	85	0.00
2	T	1,1,2,2-Tetrachloroethane	0.921	0.767	16.7	91	0.00
3	S	Bromofluorobenzene (SS3)	0.661	0.687	-3.9	116	0.00
4	T	Cumene	2.601	2.186	16.0	93	0.00
5	T	alpha-Pinene	1.355	1.141	15.8	91	0.00
	T	n-Propylbenzene	3.402	2.837	16.6	92	0.00
	T	3-Ethyltoluene	2.788	2.340	16.1	92	0.00
	T	4-Ethyltoluene	2.564	2.206	14.0	94	0.00
9	T	1,3,5-Trimethylbenzene	2.233	1.914	14.3	93	0.00
0	T	alpha-Methylstyrene	1.142	1.009	11.6	90	0.00
1	T	2-Ethyltoluene	2.787	2.394	14.1	93	0.00
2	T	1,2,4-Trimethylbenzene	2.187	1.875	14.3	92	0.00
3	T	n-Decane	1.110	0.910	18.0	88	0.00
4	T	Benzyl Chloride	2.041	1.769	13.3	89	0.00
5	T	1,3-Dichlorobenzene	1.224	1.059	13.5	93	0.00
6	T	1,4-Dichlorobenzene	1.199	1.040	13.3	93	0.00
7	T	sec-Butylbenzene	2.960	2.528	14.6	91	0.00
8	T	p-Isopropyltoluene	2.325	2.017	13.2	92	0.00
	T	1,2,3-Trimethylbenzene	2.101	1.823	13.2	92	0.00
	T	1,2-Dichlorobenzene	1.116	0.970	13.1	92	0.00
	T	d-Limonene	0.814	0.679	16.6	86	0.00
	T	1,2-Dibromo-3-Chloropropane	0.360	0.387	-7.5	96	0.00
3	T	n-Undecane	0.828	0.743	10.3	87	0.00
4	T	1,2,4-Trichlorobenzene	0.203	0.218	-7.4	95	0.00
5	T	Naphthalene	2.134	2.293	-7.5	92	0.00
6	T	n-Dodecane	0.613	0.600	2.1	88	0.00
7	T	Hexachloro-1,3-butadiene	0.332	0.376	-13.3	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

E. 4/2/07
CM 4/3/07

274

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\02\
Data File : 04020701.D
Acq On : 2 Apr 2007 8:29
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 02 09:05:06 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	104	0.00
2	T	Propene	1.440	1.199	16.7	90	0.01
3	T	Dichlorodifluoromethane	3.114	2.694	13.5	94	0.01
4	T	Chloromethane	2.199	1.931	12.2	91	0.01
5	T	Freon 114	0.955	0.882	7.6	99	0.00
6	T	Vinyl Chloride	1.908	1.666	12.7	94	0.00
7	T	1,3-Butadiene	1.400	1.244	11.1	92	0.00
8	T	Bromomethane	1.162	1.004	13.6	92	0.00
9	T	Chloroethane	1.123	0.943	16.0	92	0.00
10	T	Ethanol	1.010	0.814	19.4	89	0.00
11	T	Acetonitrile	2.482	2.091	15.8	85	0.00
12	T	Acrolein	0.805	0.694	13.8	87	0.00
13	T	Acetone	1.285	0.945	26.5	89	0.00
14	T	Trichlorofluoromethane	2.146	1.835	14.5	92	0.00
15	T	Isopropanol	3.325	2.605	21.7	84	0.00
16	T	Acrylonitrile	1.744	1.462	16.2	87	0.00
17	T	1,1-Dichloroethene	1.317	1.103	16.2	88	0.00
18	T	tert-Butanol	3.244	2.973	8.4	96	0.00
19	T	Methylene Chloride	1.540	1.210	21.4	89	0.00
20	T	Allyl Chloride	1.629	1.387	14.9	83	0.00
21	T	Trichlorotrifluoroethane	1.147	0.954	16.8	90	0.00
22	T	Carbon Disulfide	5.764	4.692	18.6	91	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.686	18.7	86	0.00
24	T	1,1-Dichloroethane	2.093	1.685	19.5	85	0.00
25	T	Methyl tert-Butyl Ether	4.336	3.609	16.8	88	0.00
26	T	Vinyl Acetate	0.292	0.295	-1.0	95	0.00
27	T	2-Butanone	0.989	0.796	19.5	86	0.00
28	T	cis-1,2-Dichloroethene	1.894	1.488	21.4	83	0.00
29	T	Diisopropyl Ether	1.154	0.934	19.1	86	0.00
30	T	Ethyl Acetate	0.477	0.377	21.0	82	0.00
31	T	n-Hexane	2.267	1.768	22.0	84	0.00
32	T	Chloroform	2.136	1.633	23.5	86	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.771	-0.4	104	0.00
34	T	Tetrahydrofuran	0.881	0.710	19.4	81	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.395	18.5	86	0.00
36	T	1,2-Dichloroethane	1.970	1.609	18.3	86	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	106	0.00
38	T	1,1,1-Trichloroethane	0.519	0.420	19.1	86	0.00
39	T	Isopropyl Acetate	0.193	0.156	19.2	83	0.00
40	T	1-Butanol	0.221	0.201	9.0	81	0.00
41	T	Benzene	1.223	0.949	22.4	84	0.00
42	T	Carbon Tetrachloride	0.399	0.331	17.0	83	0.00
43	T	Cyclohexane	0.478	0.369	22.8	86	0.00
44	T	tert-Amyl Methyl Ether	0.894	0.722	19.2	86	0.00
45	T	1,2-Dichloropropane	0.304	0.236	22.4	84	0.00
46	T	Bromodichloromethane	0.420	0.344	18.1	87	0.00
47	T	Trichloroethene	0.305	0.241	21.0	86	0.00
48	T	1,4-Dioxane	0.228	0.187	18.0	85	0.00
49	T	Isooctane	1.204	0.943	21.7	84	0.00
50	T	Methyl Methacrylate	0.118	0.102	13.6	87	0.00
51	T	n-Heptane	0.303	0.242	20.1	85	0.00

4/3/07
CM 4/4/07

275

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\02\
Data File : 04020701.D
Acq On : 2 Apr 2007 8:29
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 02 09:05:06 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.411	17.6	86	0.00
53	T	4-Methyl-2-pentanone	0.259	0.214	17.4	84	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.383	17.6	86	0.00
55	T	1,1,2-Trichloroethane	0.302	0.242	19.9	86	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	109	0.00
57	S	Toluene-d8 (SS2)	2.168	2.120	2.2	107	0.00
58	T	Toluene	2.486	1.934	22.2	86	0.00
59	T	2-Hexanone	1.273	0.977	23.3	82	0.00
60	T	Dibromochloromethane	0.659	0.540	18.1	88	0.00
61	T	1,2-Dibromoethane	0.682	0.551	19.2	87	0.00
62	T	Butyl Acetate	1.380	1.083	21.5	81	0.00
63	T	n-Octane	0.494	0.382	22.7	84	0.00
64	T	Tetrachloroethene	0.594	0.480	19.2	89	0.00
65	T	Chlorobenzene	1.596	1.256	21.3	88	0.00
66	T	Ethylbenzene	2.824	2.270	19.6	87	0.00
67	T	m- & p-Xylene	1.823	1.458	20.0	87	0.00
68	T	Bromoform	0.420	0.359	14.5	88	0.00
69	T	Styrene	1.636	1.359	16.9	87	0.00
70	T	o-Xylene	1.963	1.589	19.1	88	0.00
71	T	n-Nonane	1.091	0.834	23.6	82	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.747	18.9	85	0.00
73	S	Bromofluorobenzene (SS3)	0.661	0.692	-4.7	113	0.00
74	T	Cumene	2.601	2.126	18.3	87	0.00
75	T	alpha-Pinene	1.355	1.105	18.5	85	0.00
76	T	n-Propylbenzene	3.402	2.766	18.7	86	0.00
77	T	3-Ethyltoluene	2.788	2.326	16.6	88	0.00
78	T	4-Ethyltoluene	2.564	2.079	18.9	85	0.00
79	T	1,3,5-Trimethylbenzene	2.233	1.850	17.2	87	0.00
80	T	alpha-Methylstyrene	1.142	0.963	15.7	83	0.00
81	T	2-Ethyltoluene	2.787	2.307	17.2	87	0.00
82	T	1,2,4-Trimethylbenzene	2.187	1.815	17.0	86	0.00
83	T	n-Decane	1.110	0.899	19.0	84	0.00
84	T	Benzyl Chloride	2.041	1.753	14.1	85	0.00
85	T	1,3-Dichlorobenzene	1.224	1.027	16.1	87	0.00
86	T	1,4-Dichlorobenzene	1.199	1.008	15.9	87	0.00
87	T	sec-Butylbenzene	2.960	2.463	16.8	86	0.00
88	T	p-Isopropyltoluene	2.325	1.960	15.7	86	0.00
89	T	1,2,3-Trimethylbenzene	2.101	1.770	15.8	86	0.00
90	T	1,2-Dichlorobenzene	1.116	0.951	14.8	87	0.00
91	T	d-Limonene	0.814	0.657	19.3	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.374	-3.9	90	0.00
93	T	n-Undecane	0.828	0.761	8.1	86	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.214	-5.4	90	0.00
95	T	Naphthalene	2.134	2.297	-7.6	89	0.00
96	T	n-Dodecane	0.613	0.606	1.1	86	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.361	-8.7	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

4/3/07
LM 4/2/07

276

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\02\
Data File : 04020703.D
Acq On : 2 Apr 2007 11:11
Operator : LM/SC
Sample : 1ng TO-15 CCV STD
Misc : S15-03150704/S15-03070703
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 09:27:31 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	98	-0.02
2	T	Propene	1.440	1.268	11.9	82	0.03
3	T	Dichlorodifluoromethane	3.114	2.907	6.6	84	0.03
4	T	Chloromethane	2.199	1.908	13.2	79	0.02
5	T	Freon 114	0.955	0.890	6.8	82	0.01
6	T	Vinyl Chloride	1.908	1.679	12.0	79	0.01
7	T	1,3-Butadiene	1.400	1.268	9.4	87	0.00
8	T	Bromomethane	1.162	1.035	10.9	87	0.00
9	T	Chloroethane	1.123	1.003	10.7	81	0.00
10	T	Ethanol	1.010	0.739	26.8	69	-0.02
11	T	Acetonitrile	2.482	1.981	20.2	79	0.00
12	T	Acrolein	0.805	0.687	14.7	95	0.00
13	T	Acetone	1.285	1.354	-5.4	89	0.00
14	T	Trichlorofluoromethane	2.146	1.907	11.1	83	0.00
15	T	Isopropanol	3.325	3.058	8.0	79	-0.01
16	T	Acrylonitrile	1.744	1.390	20.3	80	-0.02
17	T	1,1-Dichloroethene	1.317	1.148	12.8	84	0.00
18	T	tert-Butanol	3.244	3.096	4.6	84	-0.02
19	T	Methylene Chloride	1.540	1.435	6.8	85	-0.02
20	T	Allyl Chloride	1.629	1.227	24.7	80	-0.01
21	T	Trichlorotrifluoroethane	1.147	1.021	11.0	83	0.00
22	T	Carbon Disulfide	5.764	5.797	-0.6	91	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.702	17.9	76	-0.02
24	T	1,1-Dichloroethane	2.093	1.863	11.0	82	-0.02
25	T	Methyl tert-Butyl Ether	4.336	3.706	14.5	81	0.00
26	T	Vinyl Acetate	0.292	0.252	13.7	104	0.00
27	T	2-Butanone	0.989	0.907	8.3	86	0.00
28	T	cis-1,2-Dichloroethene	1.894	1.626	14.1	81	-0.02
29	T	Diisopropyl Ether	1.154	1.062	8.0	87	0.00
30	T	Ethyl Acetate	0.477	0.400	16.1	79	0.00
31	T	n-Hexane	2.267	2.029	10.5	84	0.00
32	T	Chloroform	2.136	1.993	6.7	82	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.853	-5.0	100	-0.01
34	T	Tetrahydrofuran	0.881	0.801	9.1	82	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.428	16.6	80	0.00
36	T	1,2-Dichloroethane	1.970	1.717	12.8	79	-0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	99	-0.01
38	T	1,1,1-Trichloroethane	0.519	0.462	11.0	85	-0.01
39	T	Isopropyl Acetate	0.193	0.159	17.6	78	-0.01
40	T	1-Butanol	0.221	0.155	29.9	88	0.01
41	T	Benzene	1.223	1.070	12.5	83	-0.02
42	T	Carbon Tetrachloride	0.399	0.277	30.6#	75	-0.01
43	T	Cyclohexane	0.478	0.406	15.1	79	-0.01
44	T	tert-Amyl Methyl Ether	0.894	0.746	16.6	82	0.00
45	T	1,2-Dichloropropane	0.304	0.262	13.8	80	-0.01
46	T	Bromodichloromethane	0.420	0.352	16.2	81	-0.01
47	T	Trichloroethene	0.305	0.264	13.4	80	-0.01
48	T	1,4-Dioxane	0.228	0.203	11.0	85	0.00
49	T	Isooctane	1.204	1.038	13.8	80	-0.01
50	T	Methyl Methacrylate	0.118	0.096	18.6	88	0.00
51	T	n-Heptane	0.303	0.265	12.5	81	-0.01

E 4/3/07
LM 4/4/07

277

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\02\
Data File : 04020703.D
Acq On : 2 Apr 2007 11:11
Operator : LM/SC
Sample : 1ng TO-15 CCV STD
Misc : S15-03150704/S15-03070703
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 09:27:31 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.424	15.0	84	-0.01
53	T	4-Methyl-2-pentanone	0.259	0.220	15.1	83	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.382	17.8	83	0.00
55	T	1,1,2-Trichloroethane	0.302	0.257	14.9	83	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	101	0.00
57	S	Toluene-d8 (SS2)	2.168	2.140	1.3	99	0.00
58	T	Toluene	2.486	2.210	11.1	83	-0.01
59	T	2-Hexanone	1.273	1.086	14.7	83	0.00
60	T	Dibromochloromethane	0.659	0.541	17.9	80	0.00
61	T	1,2-Dibromoethane	0.682	0.590	13.5	87	0.00
62	T	Butyl Acetate	1.380	1.147	16.9	87	0.00
63	T	n-Octane	0.494	0.449	9.1	85	-0.01
64	T	Tetrachloroethene	0.594	0.526	11.4	82	0.00
65	T	Chlorobenzene	1.596	1.468	8.0	86	0.00
66	T	Ethylbenzene	2.824	2.484	12.0	85	0.00
67	T	m- & p-Xylene	1.823	1.636	10.3	85	-0.01
68	T	Bromoform	0.420	0.364	13.3	87	0.00
69	T	Styrene	1.636	1.361	16.8	83	0.00
70	T	o-Xylene	1.963	1.764	10.1	87	-0.01
71	T	n-Nonane	1.091	0.940	13.8	81	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.790	14.2	82	0.00
73	S	Bromofluorobenzene (SS3)	0.661	0.680	-2.9	106	0.00
74	T	Cumene	2.601	2.368	9.0	88	0.00
75	T	alpha-Pinene	1.355	1.178	13.1	84	0.00
76	T	n-Propylbenzene	3.402	3.116	8.4	86	0.00
77	T	3-Ethyltoluene	2.788	2.436	12.6	85	0.00
78	T	4-Ethyltoluene	2.564	2.359	8.0	87	0.00
79	T	1,3,5-Trimethylbenzene	2.233	2.012	9.9	85	0.00
80	T	alpha-Methylstyrene	1.142	1.018	10.9	92	0.00
81	T	2-Ethyltoluene	2.787	2.570	7.8	86	0.00
82	T	1,2,4-Trimethylbenzene	2.187	2.072	5.3	89	-0.01
83	T	n-Decane	1.110	0.994	10.5	83	0.00
84	T	Benzyl Chloride	2.041	1.702	16.6	85	0.00
85	T	1,3-Dichlorobenzene	1.224	1.161	5.1	88	-0.01
86	T	1,4-Dichlorobenzene	1.199	1.112	7.3	88	0.00
87	T	sec-Butylbenzene	2.960	2.769	6.5	87	0.00
88	T	p-Isopropyltoluene	2.325	2.202	5.3	88	0.00
89	T	1,2,3-Trimethylbenzene	2.101	1.954	7.0	87	0.00
90	T	1,2-Dichlorobenzene	1.116	1.084	2.9	91	0.00
91	T	d-Limonene	0.814	0.720	11.5	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.328	8.9	117	-0.01
93	T	n-Undecane	0.828	0.891	-7.6	109	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.205	-1.0	128	0.00
95	T	Naphthalene	2.134	2.303	-7.9	137	0.00
96	T	n-Dodecane	0.613	0.881	-43.7#	160	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.347	-4.5	141	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

E 4/3/07
LM 4/4/07

278

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\02\
Data File : 04020715.D
Acq On : 2 Apr 2007 20:23
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150703/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 10:51:53 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	126	-0.01
2	T	Propene	1.440	1.012	29.7	92	0.01
3	T	Dichlorodifluoromethane	3.114	2.246	27.9	95	0.00
4	T	Chloromethane	2.199	1.525	30.7#	87	0.00
5	T	Freon 114	0.955	0.710	25.7	97	0.00
6	T	Vinyl Chloride	1.908	1.396	26.8	95	0.00
7	T	1,3-Butadiene	1.400	1.070	23.6	96	0.00
8	T	Bromomethane	1.162	0.885	23.8	99	0.00
9	T	Chloroethane	1.123	0.877	21.9	103	0.00
10	T	Ethanol	1.010	0.772	23.6	102	-0.01
11	T	Acetonitrile	2.482	2.028	18.3	100	0.00
12	T	Acrolein	0.805	0.673	16.4	102	0.00
13	T	Acetone	1.285	0.909	29.3	104	0.00
14	T	Trichlorofluoromethane	2.146	1.698	20.9	103	0.00
15	T	Isopropanol	3.325	2.487	25.2	97	0.00
16	T	Acrylonitrile	1.744	1.423	18.4	102	0.00
17	T	1,1-Dichloroethene	1.317	1.053	20.0	102	0.00
18	T	tert-Butanol	3.244	2.659	18.0	104	-0.01
19	T	Methylene Chloride	1.540	1.183	23.2	105	0.00
20	T	Allyl Chloride	1.629	1.355	16.8	98	0.00
21	T	Trichlorotrifluoroethane	1.147	0.929	19.0	106	0.00
22	T	Carbon Disulfide	5.764	4.361	24.3	103	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.660	19.9	102	0.00
24	T	1,1-Dichloroethane	2.093	1.663	20.5	102	0.00
25	T	Methyl tert-Butyl Ether	4.336	3.554	18.0	104	0.00
26	T	Vinyl Acetate	0.292	0.287	1.7	112	0.00
27	T	2-Butanone	0.989	0.795	19.6	104	-0.01
28	T	cis-1,2-Dichloroethene	1.894	1.497	21.0	102	0.00
29	T	Diisopropyl Ether	1.154	0.944	18.2	105	0.00
30	T	Ethyl Acetate	0.477	0.386	19.1	102	0.00
31	T	n-Hexane	2.267	1.806	20.3	104	0.00
32	T	Chloroform	2.136	1.615	24.4	103	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.733	1.8	123	0.00
34	T	Tetrahydrofuran	0.881	0.711	19.3	98	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.428	16.6	107	0.00
36	T	1,2-Dichloroethane	1.970	1.580	19.8	103	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	129	0.00
38	T	1,1,1-Trichloroethane	0.519	0.418	19.5	104	0.00
39	T	Isopropyl Acetate	0.193	0.158	18.1	102	0.00
40	T	1-Butanol	0.221	0.203	8.1	99	0.00
41	T	Benzene	1.223	0.971	20.6	104	0.00
42	T	Carbon Tetrachloride	0.399	0.325	18.5	99	0.00
43	T	Cyclohexane	0.478	0.371	22.4	104	0.00
44	T	tert-Amyl Methyl Ether	0.894	0.727	18.7	105	0.00
45	T	1,2-Dichloropropane	0.304	0.237	22.0	102	0.00
46	T	Bromodichloromethane	0.420	0.337	19.8	103	0.00
47	T	Trichloroethene	0.305	0.243	20.3	105	0.00
48	T	1,4-Dioxane	0.228	0.189	17.1	105	0.00
49	T	Isooctane	1.204	0.958	20.4	104	0.00
50	T	Methyl Methacrylate	0.118	0.103	12.7	105	0.00
51	T	n-Heptane	0.303	0.246	18.8	105	0.00

4/3/07
4/4/07

279

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\02\
Data File : 04020715.D
Acq On : 2 Apr 2007 20:23
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150703/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 10:51:53 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.405	18.8	102	0.00
53	T	4-Methyl-2-pentanone	0.259	0.212	18.1	101	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.380	18.3	103	0.00
55	T	1,1,2-Trichloroethane	0.302	0.245	18.9	105	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	129	0.00
57	S	Toluene-d8 (SS2)	2.168	2.144	1.1	128	0.00
58	T	Toluene	2.486	1.979	20.4	105	0.00
59	T	2-Hexanone	1.273	1.007	20.9	99	0.00
60	T	Dibromochloromethane	0.659	0.537	18.5	104	0.00
61	T	1,2-Dibromoethane	0.682	0.559	18.0	105	0.00
62	T	Butyl Acetate	1.380	1.117	19.1	98	0.00
63	T	n-Octane	0.494	0.397	19.6	104	0.00
64	T	Tetrachloroethene	0.594	0.477	19.7	105	0.00
65	T	Chlorobenzene	1.596	1.280	19.8	106	0.00
66	T	Ethylbenzene	2.824	2.307	18.3	105	0.00
67	T	m- & p-Xylene	1.823	1.480	18.8	105	0.00
68	T	Bromoform	0.420	0.356	15.2	104	0.00
69	T	Styrene	1.636	1.361	16.8	103	0.00
70	T	o-Xylene	1.963	1.596	18.7	104	0.00
71	T	n-Nonane	1.091	0.860	21.2	100	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.751	18.5	102	0.00
73	S	Bromofluorobenzene (SS3)	0.661	0.671	-1.5	129	0.00
74	T	Cumene	2.601	2.123	18.4	103	0.00
75	T	alpha-Pinene	1.355	1.114	17.8	102	0.00
76	T	n-Propylbenzene	3.402	2.772	18.5	102	0.00
77	T	3-Ethyltoluene	2.788	2.290	17.9	103	0.00
78	T	4-Ethyltoluene	2.564	2.100	18.1	102	0.00
79	T	1,3,5-Trimethylbenzene	2.233	1.849	17.2	103	0.00
80	T	alpha-Methylstyrene	1.142	0.956	16.3	97	0.00
81	T	2-Ethyltoluene	2.787	2.299	17.5	102	0.00
82	T	1,2,4-Trimethylbenzene	2.187	1.804	17.5	102	0.00
83	T	n-Decane	1.110	0.916	17.5	101	0.00
84	T	Benzyl Chloride	2.041	1.742	14.6	100	0.00
85	T	1,3-Dichlorobenzene	1.224	1.012	17.3	101	0.00
86	T	1,4-Dichlorobenzene	1.199	0.994	17.1	102	0.00
87	T	sec-Butylbenzene	2.960	2.445	17.4	101	0.00
88	T	p-Isopropyltoluene	2.325	1.927	17.1	100	0.00
89	T	1,2,3-Trimethylbenzene	2.101	1.746	16.9	101	0.00
90	T	1,2-Dichlorobenzene	1.116	0.920	17.6	100	0.00
91	T	d-Limonene	0.814	0.657	19.3	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.363	-0.8	103	0.00
93	T	n-Undecane	0.828	0.768	7.2	102	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.203	0.0	101	0.00
95	T	Naphthalene	2.134	2.191	-2.7	100	0.00
96	T	n-Dodecane	0.613	0.602	1.8	101	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.343	-3.3	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

4/3/07

LM 4/4/07

280

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\03\
Data File : 04030701.D
Acq On : 3 Apr 2007 8:16
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 09:50:25 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	110	0.00
2	T	Propene	1.440	1.150	20.1	91	0.01
3	T	Dichlorodifluoromethane	3.114	2.511	19.4	93	0.01
4	T	Chloromethane	2.199	1.821	17.2	92	0.00
5	T	Freon 114	0.955	0.832	12.9	99	0.00
6	T	Vinyl Chloride	1.908	1.647	13.7	98	0.01
7	T	1,3-Butadiene	1.400	1.225	12.5	96	0.01
8	T	Bromomethane	1.162	0.935	19.5	91	0.00
9	T	Chloroethane	1.123	0.904	19.5	94	0.00
10	T	Ethanol	1.010	0.783	22.5	91	0.01
11	T	Acetonitrile	2.482	2.036	18.0	88	0.00
12	T	Acrolein	0.805	0.678	15.8	90	0.00
13	T	Acetone	1.285	0.914	28.9	92	0.00
14	T	Trichlorofluoromethane	2.146	1.729	19.4	92	0.00
15	T	Isopropanol	3.325	2.557	23.1	87	0.01
16	T	Acrylonitrile	1.744	1.419	18.6	90	0.00
17	T	1,1-Dichloroethene	1.317	1.053	20.0	90	0.01
18	T	tert-Butanol	3.244	2.802	13.6	96	0.00
19	T	Methylene Chloride	1.540	1.165	24.4	91	0.00
20	T	Allyl Chloride	1.629	1.371	15.8	87	0.00
21	T	Trichlorotrifluoroethane	1.147	0.906	21.0	90	0.00
22	T	Carbon Disulfide	5.764	4.403	23.6	91	0.00
23	T	trans-1,2-Dichloroethene	2.073	1.638	21.0	89	0.00
24	T	1,1-Dichloroethane	2.093	1.651	21.1	89	0.00
25	T	Methyl tert-Butyl Ether	4.336	3.516	18.9	91	0.00
26	T	Vinyl Acetate	0.292	0.275	5.8	94	0.00
27	T	2-Butanone	0.989	0.795	19.6	91	0.00
28	T	cis-1,2-Dichloroethene	1.894	1.492	21.2	89	0.00
29	T	Diisopropyl Ether	1.154	0.926	19.8	91	0.00
30	T	Ethyl Acetate	0.477	0.376	21.2	87	0.00
31	T	n-Hexane	2.267	1.748	22.9	88	0.00
32	T	Chloroform	2.136	1.615	24.4	90	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.764	1.792	-1.6	111	0.00
34	T	Tetrahydrofuran	0.881	0.712	19.2	86	0.00
35	T	Ethyl tert-Butyl Ether	1.712	1.402	18.1	92	0.00
36	T	1,2-Dichloroethane	1.970	1.591	19.2	91	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	112	0.00
38	T	1,1,1-Trichloroethane	0.519	0.416	19.8	90	0.00
39	T	Isopropyl Acetate	0.193	0.157	18.7	89	0.00
40	T	1-Butanol	0.221	0.201	9.0	85	0.00
41	T	Benzene	1.223	0.960	21.5	90	0.00
42	T	Carbon Tetrachloride	0.399	0.331	17.0	87	0.00
43	T	Cyclohexane	0.478	0.373	22.0	91	0.00
44	T	tert-Amyl Methyl Ether	0.894	0.721	19.4	91	0.00
45	T	1,2-Dichloropropane	0.304	0.239	21.4	89	0.00
46	T	Bromodichloromethane	0.420	0.338	19.5	90	0.00
47	T	Trichloroethene	0.305	0.242	20.7	91	0.00
48	T	1,4-Dioxane	0.228	0.188	17.5	91	0.00
49	T	Isooctane	1.204	0.952	20.9	90	0.00
50	T	Methyl Methacrylate	0.118	0.102	13.6	91	0.00
51	T	n-Heptane	0.303	0.246	18.8	91	0.00

E 4/3/07
LM 4/5/07

281

Data Path : J:\MS08\Data\2007_04\03\
Data File : 04030701.D
Acq On : 3 Apr 2007 8:16
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 09:50:25 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.413	17.2	91	0.00
53	T	4-Methyl-2-pentanone	0.259	0.214	17.4	89	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.381	18.1	90	0.00
55	T	1,1,2-Trichloroethane	0.302	0.244	19.2	92	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	114	0.00
57	S	Toluene-d8 (SS2)	2.168	2.131	1.7	113	0.00
58	T	Toluene	2.486	1.940	22.0	91	0.00
59	T	2-Hexanone	1.273	0.986	22.5	87	0.00
60	T	Dibromochloromethane	0.659	0.530	19.6	91	0.00
61	T	1,2-Dibromoethane	0.682	0.548	19.6	91	0.00
62	T	Butyl Acetate	1.380	1.110	19.6	87	0.00
63	T	n-Octane	0.494	0.384	22.3	89	0.00
64	T	Tetrachloroethene	0.594	0.469	21.0	91	0.00
65	T	Chlorobenzene	1.596	1.245	22.0	92	0.00
66	T	Ethylbenzene	2.824	2.269	19.7	91	0.00
67	T	m- & p-Xylene	1.823	1.449	20.5	91	0.00
68	T	Bromoform	0.420	0.353	16.0	91	0.00
69	T	Styrene	1.636	1.344	17.8	90	0.00
70	T	o-Xylene	1.963	1.574	19.8	91	0.00
71	T	n-Nonane	1.091	0.849	22.2	87	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.746	19.0	90	0.00
73	S	Bromofluorobenzene (SS3)	0.661	0.676	-2.3	116	0.00
74	T	Cumene	2.601	2.098	19.3	90	0.00
75	T	alpha-Pinene	1.355	1.101	18.7	90	0.00
76	T	n-Propylbenzene	3.402	2.751	19.1	90	0.00
77	T	3-Ethyltoluene	2.788	2.283	18.1	91	0.00
78	T	4-Ethyltoluene	2.564	2.068	19.3	89	0.00
79	T	1,3,5-Trimethylbenzene	2.233	1.833	17.9	91	0.00
80	T	alpha-Methylstyrene	1.142	0.943	17.4	85	0.00
81	T	2-Ethyltoluene	2.787	2.275	18.4	90	0.00
82	T	1,2,4-Trimethylbenzene	2.187	1.785	18.4	89	0.00
83	T	n-Decane	1.110	0.907	18.3	89	0.00
84	T	Benzyl Chloride	2.041	1.738	14.8	88	0.00
85	T	1,3-Dichlorobenzene	1.224	1.013	17.2	90	0.00
86	T	1,4-Dichlorobenzene	1.199	0.987	17.7	90	0.00
87	T	sec-Butylbenzene	2.960	2.431	17.9	89	0.00
88	T	p-Isopropyltoluene	2.325	1.934	16.8	89	0.00
89	T	1,2,3-Trimethylbenzene	2.101	1.749	16.8	90	0.00
90	T	1,2-Dichlorobenzene	1.116	0.929	16.8	89	0.00
91	T	d-Limonene	0.814	0.654	19.7	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.360	0.0	91	0.00
93	T	n-Undecane	0.828	0.763	7.9	90	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.206	-1.5	91	0.00
95	T	Naphthalene	2.134	2.229	-4.5	90	0.00
96	T	n-Dodecane	0.613	0.608	0.8	91	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.345	-3.9	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

S 4/3/07
LM 4/5/07

282

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\03\
Data File : 04030703.D
Acq On : 3 Apr 2007 10:00
Operator : LM/SC
Sample : 1ng TO-15 CCV STD
Misc : S15-03150704/S15-03070703
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 10:31:28 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	99	-0.02
2	T	Propene	1.440	1.220	15.3	80	0.03
3	T	Dichlorodifluoromethane	3.114	2.933	5.8	86	0.03
4	T	Chloromethane	2.199	1.920	12.7	81	0.02
5	T	Freon 114	0.955	0.867	9.2	82	0.02
6	T	Vinyl Chloride	1.908	1.699	11.0	82	0.01
7	T	1,3-Butadiene	1.400	1.212	13.4	85	0.01
8	T	Bromomethane	1.162	0.977	15.9	84	0.00
9	T	Chloroethane	1.123	0.983	12.5	81	0.00
.0	T	Ethanol	1.010	0.792	21.6	75	-0.02
.1	T	Acetonitrile	2.482	1.977	20.3	80	-0.01
.2	T	Acrolein	0.805	0.640	20.5	90	0.00
.3	T	Acetone	1.285	1.271	1.1	85	0.00
.4	T	Trichlorofluoromethane	2.146	1.908	11.1	84	0.00
.5	T	Isopropanol	3.325	3.017	9.3	79	-0.02
.6	T	Acrylonitrile	1.744	1.464	16.1	86	-0.01
.7	T	1,1-Dichloroethene	1.317	1.152	12.5	86	0.00
.8	T	tert-Butanol	3.244	3.102	4.4	86	0.08
.9	T	Methylene Chloride	1.540	1.344	12.7	81	-0.02
:0	T	Allyl Chloride	1.629	1.197	26.5	79	-0.01
:1	T	Trichlorotrifluoroethane	1.147	0.925	19.4	76	0.00
:2	T	Carbon Disulfide	5.764	5.472	5.1	88	0.00
:3	T	trans-1,2-Dichloroethene	2.073	1.754	15.4	80	-0.02
:4	T	1,1-Dichloroethane	2.093	1.872	10.6	84	-0.02
:5	T	Methyl tert-Butyl Ether	4.336	3.816	12.0	85	0.00
:6	T	Vinyl Acetate	0.292	0.244	16.4	102	0.00
:7	T	2-Butanone	0.989	0.879	11.1	85	-0.01
.8	T	cis-1,2-Dichloroethene	1.894	1.618	14.6	82	-0.02
.9	T	Diisopropyl Ether	1.154	1.011	12.4	84	0.00
0	T	Ethyl Acetate	0.477	0.386	19.1	78	-0.01
1	T	n-Hexane	2.267	2.037	10.1	86	0.00
2	T	Chloroform	2.136	1.947	8.8	81	-0.03
3	S	1,2-Dichloroethane-d4(SS1)	1.764	1.857	-5.3	102	-0.01
4	T	Tetrahydrofuran	0.881	0.805	8.6	84	0.00
5	T	Ethyl tert-Butyl Ether	1.712	1.446	15.5	83	-0.01
6	T	1,2-Dichloroethane	1.970	1.704	13.5	79	-0.01
7	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	101	-0.01
8	T	1,1,1-Trichloroethane	0.519	0.438	15.6	83	0.00
9	T	Isopropyl Acetate	0.193	0.165	14.5	82	0.00
0	T	1-Butanol	0.221	0.151	31.7#	87	0.02
1	T	Benzene	1.223	1.069	12.6	85	0.00
2	T	Carbon Tetrachloride	0.399	0.250	37.3#	69	-0.02
3	T	Cyclohexane	0.478	0.425	11.1	84	-0.01
4	T	tert-Amyl Methyl Ether	0.894	0.746	16.6	83	0.00
5	T	1,2-Dichloropropane	0.304	0.251	17.4	78	0.00
6	T	Bromodichloromethane	0.420	0.356	15.2	84	-0.01
7	T	Trichloroethene	0.305	0.251	17.7	78	0.00
8	T	1,4-Dioxane	0.228	0.195	14.5	84	0.00
9	T	Isooctane	1.204	1.038	13.8	82	0.00
0	T	Methyl Methacrylate	0.118	0.095	19.5	90	0.00
1	T	n-Heptane	0.303	0.267	11.9	84	0.00

LM 4/5/07
4/3/07

283

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\03\
Data File : 04030703.D
Acq On : 3 Apr 2007 10:00
Operator : LM/SC
Sample : 1ng TO-15 CCV STD
Misc : S15-03150704/S15-03070703
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 10:31:28 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.402	19.4	81	-0.01
53	T	4-Methyl-2-pentanone	0.259	0.210	18.9	81	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.370	20.4	82	0.00
55	T	1,1,2-Trichloroethane	0.302	0.260	13.9	85	-0.01
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	106	0.00
57	S	Toluene-d8 (SS2)	2.168	2.105	2.9	102	0.00
58	T	Toluene	2.486	2.134	14.2	84	-0.01
59	T	2-Hexanone	1.273	1.039	18.4	83	0.00
60	T	Dibromochloromethane	0.659	0.532	19.3	82	0.00
61	T	1,2-Dibromoethane	0.682	0.573	16.0	89	0.00
62	T	Butyl Acetate	1.380	1.139	17.5	90	0.00
63	T	n-Octane	0.494	0.435	11.9	86	0.00
64	T	Tetrachloroethene	0.594	0.511	14.0	83	0.00
65	T	Chlorobenzene	1.596	1.358	14.9	84	0.00
66	T	Ethylbenzene	2.824	2.411	14.6	86	0.00
67	T	m- & p-Xylene	1.823	1.543	15.4	84	-0.02
68	T	Bromoform	0.420	0.346	17.6	87	0.00
69	T	Styrene	1.636	1.362	16.7	87	0.00
70	T	o-Xylene	1.963	1.688	14.0	87	0.00
71	T	n-Nonane	1.091	0.906	17.0	81	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.795	13.7	87	0.00
73	S	Bromofluorobenzene (SS3)	0.661	0.681	-3.0	111	0.00
74	T	Cumene	2.601	2.233	14.1	87	0.00
75	T	alpha-Pinene	1.355	1.151	15.1	86	0.00
76	T	n-Propylbenzene	3.402	2.890	15.0	84	0.00
77	T	3-Ethyltoluene	2.788	2.423	13.1	88	0.00
78	T	4-Ethyltoluene	2.564	2.266	11.6	87	0.00
79	T	1,3,5-Trimethylbenzene	2.233	1.995	10.7	88	0.00
80	T	alpha-Methylstyrene	1.142	0.935	18.1	89	0.00
81	T	2-Ethyltoluene	2.787	2.442	12.4	86	0.00
82	T	1,2,4-Trimethylbenzene	2.187	1.955	10.6	88	0.00
83	T	n-Decane	1.110	1.001	9.8	88	0.00
84	T	Benzyl Chloride	2.041	1.687	17.3	89	0.00
85	T	1,3-Dichlorobenzene	1.224	1.084	11.4	86	-0.01
86	T	1,4-Dichlorobenzene	1.199	1.089	9.2	90	0.00
87	T	sec-Butylbenzene	2.960	2.663	10.0	88	0.00
88	T	p-Isopropyltoluene	2.325	2.150	7.5	90	0.00
89	T	1,2,3-Trimethylbenzene	2.101	1.936	7.9	90	0.00
90	T	1,2-Dichlorobenzene	1.116	1.055	5.5	92	0.00
91	T	d-Limonene	0.814	0.676	17.0	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.297	17.5	111	0.00
93	T	n-Undecane	0.828	0.904	-9.2	115	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.220	-8.4	144	0.00
95	T	Naphthalene	2.134	2.354	-10.3	147	0.00
96	T	n-Dodecane	0.613	0.911	-48.6#	173	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.333	-0.3	141	0.00

E 4/3/07
LM 4/5/07

(#) = Out of Range SPCC's out = 0 CCC's out = 0

284

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\03\
Data File : 04030711.D
Acq On : 3 Apr 2007 16:33
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 17:03:01 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	91	0.00
2	T	Propene	1.440	1.150	20.1	75	0.00
3	T	Dichlorodifluoromethane	3.114	2.441	21.6	74	0.00
4	T	Chloromethane	2.199	1.809	17.7	75	0.00
5	T	Freon 114	0.955	0.772	19.2	76	0.00
6	T	Vinyl Chloride	1.908	1.612	15.5	79	0.00
7	T	1,3-Butadiene	1.400	1.210	13.6	78	0.00
8	T	Bromomethane	1.162	0.909	21.8	73	0.00
9	T	Chloroethane	1.123	0.862	23.2	74	0.00
.0	T	Ethanol	1.010	0.780	22.8	74	0.00
.1	T	Acetonitrile	2.482	2.034	18.0	73	0.00
.2	T	Acrolein	0.805	0.669	16.9	73	0.00
.3	T	Acetone	1.285	0.914	28.9	76	0.00
.4	T	Trichlorofluoromethane	2.146	1.693	21.1	74	0.00
.5	T	Isopropanol	3.325	2.521	24.2	71	0.00
.6	T	Acrylonitrile	1.744	1.435	17.7	75	-0.01
.7	T	1,1-Dichloroethene	1.317	1.058	19.7	74	0.00
.8	T	tert-Butanol	3.244	2.755	15.1	78	-0.01
.9	T	Methylene Chloride	1.540	1.163	24.5	75	0.00
:0	T	Allyl Chloride	1.629	1.392	14.5	73	0.00
:1	T	Trichlorotrifluoroethane	1.147	0.892	22.2	73	0.00
:2	T	Carbon Disulfide	5.764	4.412	23.5	75	0.00
:3	T	trans-1,2-Dichloroethene	2.073	1.667	19.6	74	0.00
:4	T	1,1-Dichloroethane	2.093	1.705	18.5	75	0.00
:5	T	Methyl tert-Butyl Ether	4.336	3.553	18.1	76	0.00
.6	T	Vinyl Acetate	0.292	0.291	0.3	82	0.00
7	T	2-Butanone	0.989	0.801	19.0	75	0.00
8	T	cis-1,2-Dichloroethene	1.894	1.525	19.5	75	0.00
9	T	Diisopropyl Ether	1.154	0.950	17.7	77	0.00
0	T	Ethyl Acetate	0.477	0.400	16.1	76	0.00
1	T	n-Hexane	2.267	1.836	19.0	76	0.00
2	T	Chloroform	2.136	1.652	22.7	76	0.00
3	S	1,2-Dichloroethane-d4(SS1)	1.764	1.794	-1.7	92	0.00
4	T	Tetrahydrofuran	0.881	0.732	16.9	73	0.00
5	T	Ethyl tert-Butyl Ether	1.712	1.425	16.8	77	-0.01
6	T	1,2-Dichloroethane	1.970	1.621	17.7	76	0.00
7	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	94	0.00
8	T	1,1,1-Trichloroethane	0.519	0.417	19.7	76	0.00
9	T	Isopropyl Acetate	0.193	0.159	17.6	76	0.00
0	T	1-Butanol	0.221	0.203	8.1	73	0.00
1	T	Benzene	1.223	0.963	21.3	76	0.00
2	T	Carbon Tetrachloride	0.399	0.322	19.3	72	0.00
3	T	Cyclohexane	0.478	0.369	22.8	76	0.00
4	T	tert-Amyl Methyl Ether	0.894	0.727	18.7	77	0.00
5	T	1,2-Dichloropropane	0.304	0.241	20.7	76	0.00
6	T	Bromodichloromethane	0.420	0.340	19.0	77	0.00
7	T	Trichloroethene	0.305	0.239	21.6	76	0.00
8	T	1,4-Dioxane	0.228	0.188	17.5	76	0.00
9	T	Isooctane	1.204	0.969	19.5	77	0.00
0	T	Methyl Methacrylate	0.118	0.101	14.4	76	0.00
1	T	n-Heptane	0.303	0.249	17.8	78	0.00

4/3/07
LM 4/5/07

285

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_04\03\
Data File : 04030711.D
Acq On : 3 Apr 2007 16:33
Operator : LM/SC
Sample : 25ng TO-15 CCV STD
Misc : S15-03150704/S15-03070705
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 17:03:01 2007
Quant Method : J:\MS08\METHODS\R8031907.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Mon Mar 19 16:14:30 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.499	0.412	17.4	76	0.00
53	T	4-Methyl-2-pentanone	0.259	0.216	16.6	75	0.00
54	T	trans-1,3-Dichloropropene	0.465	0.382	17.8	76	0.00
55	T	1,1,2-Trichloroethane	0.302	0.244	19.2	77	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	98	0.00
57	S	Toluene-d8 (SS2)	2.168	2.094	3.4	95	0.00
58	T	Toluene	2.486	1.901	23.5	77	0.00
59	T	2-Hexanone	1.273	1.001	21.4	75	0.00
60	T	Dibromochloromethane	0.659	0.519	21.2	76	0.00
61	T	1,2-Dibromoethane	0.682	0.538	21.1	77	0.00
62	T	Butyl Acetate	1.380	1.129	18.2	76	0.00
63	T	n-Octane	0.494	0.386	21.9	76	0.00
64	T	Tetrachloroethene	0.594	0.456	23.2	76	0.00
65	T	Chlorobenzene	1.596	1.231	22.9	78	0.00
66	T	Ethylbenzene	2.824	2.244	20.5	77	0.00
67	T	m- & p-Xylene	1.823	1.443	20.8	78	0.00
68	T	Bromoform	0.420	0.348	17.1	77	0.00
69	T	Styrene	1.636	1.330	18.7	77	0.00
70	T	o-Xylene	1.963	1.565	20.3	78	0.00
71	T	n-Nonane	1.091	0.869	20.3	77	0.00
72	T	1,1,2,2-Tetrachloroethane	0.921	0.752	18.3	77	0.00
73	S	Bromofluorobenzene (SS3)	0.661	0.678	-2.6	99	0.00
74	T	Cumene	2.601	2.106	19.0	78	0.00
75	T	alpha-Pinene	1.355	1.109	18.2	77	0.00
76	T	n-Propylbenzene	3.402	2.774	18.5	78	0.00
77	T	3-Ethyltoluene	2.788	2.276	18.4	78	0.00
78	T	4-Ethyltoluene	2.564	2.072	19.2	77	0.00
79	T	1,3,5-Trimethylbenzene	2.233	1.838	17.7	78	0.00
80	T	alpha-Methylstyrene	1.142	0.950	16.8	74	0.00
81	T	2-Ethyltoluene	2.787	2.299	17.5	78	0.00
82	T	1,2,4-Trimethylbenzene	2.187	1.812	17.1	78	0.00
83	T	n-Decane	1.110	0.930	16.2	78	0.00
84	T	Benzyl Chloride	2.041	1.792	12.2	78	0.00
85	T	1,3-Dichlorobenzene	1.224	1.019	16.7	77	0.00
86	T	1,4-Dichlorobenzene	1.199	1.004	16.3	78	0.00
87	T	sec-Butylbenzene	2.960	2.487	16.0	78	0.00
88	T	p-Isopropyltoluene	2.325	1.973	15.1	78	0.00
89	T	1,2,3-Trimethylbenzene	2.101	1.791	14.8	79	0.00
90	T	1,2-Dichlorobenzene	1.116	0.944	15.4	78	0.00
91	T	d-Limonene	0.814	0.669	17.8	73	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.360	0.372	-3.3	80	0.00
93	T	n-Undecane	0.828	0.790	4.6	80	0.00
94	T	1,2,4-Trichlorobenzene	0.203	0.213	-4.9	81	0.00
95	T	Naphthalene	2.134	2.308	-8.2	80	0.00
96	T	n-Dodecane	0.613	0.627	-2.3	80	0.00
97	T	Hexachloro-1,3-butadiene	0.332	0.362	-9.0	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

4/3/07
4/5/07

286

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Project ID: WDI

CAS Project ID: P2700814

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Lab File ID: 03280701.D
Date Analyzed: 03/28/07
Time Analyzed: 09:03

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	24 Hour Standard	380311	9.07	1766870	11.00	903461	15.82
	Upper Limit	532435	9.40	2473618	11.33	1264845	16.15
	Lower Limit	228187	8.74	1060122	10.67	542077	15.49
	Client Sample ID						
01	Method Blank	373443	9.05	1754282	10.98	875214	15.82
02	Lab Control Sample	340329	9.07	1575102	11.00	828593	15.82
03	Duplicate Lab Control Sample	363168	9.08	1674215	11.00	873771	15.82
04	WDI-VW-49-S-3-15-07	376738	9.05	1749387	10.99	874051	15.82
05	WDI-VW-49-I-3-15-07	384899	9.05	1795241	10.99	896398	15.82
06	WDI-VW-49-D-3-15-07	388617	9.05	1783354	10.98	879290	15.82
07	WDI-VW-49-D-3-15-07 (Dilution)	393433	9.05	1805640	10.98	900295	15.82
08	WDI-VW-46-S-3-20-07 (Dilution)	384683	9.05	1767372	10.99	886735	15.82
09	WDI-VW-46-S-3-20-07	361748	9.07	1676301	11.00	865685	15.82
10	WDI-VW-46-I-3-20-07	358784	9.06	1704408	10.99	856187	15.82
11	WDI-VW-46-D-3-20-07	357739	9.06	1685938	10.99	838859	15.82
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Verified by: Rc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Project ID: WDI

CAS Project ID: P2700814

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Lab File ID: 03290701.D
Date Analyzed: 03/29/07
Time Analyzed: 09:15

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	24 Hour Standard	345125	9.07	1587973	11.00	832969	15.82
	Upper Limit	483175	9.40	2223162	11.33	1166157	16.15
	Lower Limit	207075	8.74	952784	10.67	499781	15.49
	Client Sample ID						
01	Method Blank	333550	9.04	1586064	10.98	810007	15.82
02	Lab Control Sample	308860	9.07	1448143	11.00	761631	15.82
03	Duplicate Lab Control Sample	335281	9.07	1554137	11.00	808182	15.82
04	WDI-VW-61-S-3-20-07	350389	9.06	1622526	10.99	826710	15.82
05	WDI-VW-61-S-3-20-07 (Lab Duplicate)	366701	9.05	1708559	10.99	866523	15.82
06	WDI-VW-61-I-3-20-07	373447	9.05	1762597	10.98	881790	15.82
07	WDI-VW-61-D-3-20-07	379253	9.05	1764411	10.99	890636	15.82
08	WDI-VW-29-S-3-20-07	379632	9.06	1760266	11.00	877461	15.82
09	WDI-VW-29-S-3-20-07 (Dilution)	387461	9.05	1777403	10.98	897734	15.82
10	WDI-VW-29-I-3-20-07	368900	9.04	1718653	10.98	865954	15.82
11	WDI-VW-29-D-3-20-07	361745	9.05	1700295	10.98	850137	15.81
12	WDI-VW-31-S-3-20-07	320657	9.04	1520379	10.98	770674	15.82
13	WDI-VW-31-S-3-20-07 (Lab Duplicate)	336083	9.05	1565960	10.98	793489	15.82
14	WDI-VW-31-D-3-20-07	345615	9.04	1617088	10.98	813658	15.81
15	WDI-VW-42-S-3-20-07	347534	9.05	1627364	10.99	812356	15.82
16	WDI-VW-42-D-3-20-07	351672	9.05	1642924	10.99	821395	15.81
17	WDI-VW-42-D-3-20-07-SC	351975	9.05	1642703	10.98	824501	15.81
18	WDI-VW-41-S-3-22-07	351923	9.04	1638219	10.98	812773	15.82
19							
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IS1 (BCM) = Bromochloromethane
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IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
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Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Verified by: RC Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Project ID: WDI

CAS Project ID: P2700814

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Lab File ID: 03300701.D
Date Analyzed: 03/30/07
Time Analyzed: 08:18

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	24 Hour Standard	330867	9.08	1524493	11.00	795329	15.82
	Upper Limit	463214	9.41	2134290	11.33	1113461	16.15
	Lower Limit	198520	8.75	914696	10.67	477197	15.49
	Client Sample ID						
01	Method Blank	313149	9.05	1511845	10.98	774296	15.81
02	Lab Control Sample	329616	9.07	1571641	11.00	798683	15.82
03	Duplicate Lab Control Sample	351882	9.07	1648214	11.00	834716	15.82
04	WDI-VW-41-D-3-22-07	361958	9.05	1728026	10.99	860401	15.82
05	WDI-VW-46-I-3-20-07 (Dilution)	380383	9.04	1788211	10.98	883857	15.82
06	WDI-VW-46-D-3-20-07 (Dilution)	366861	9.05	1711645	10.98	856880	15.82
07	WDI-VW-41-D-3-22-07 (Lab Duplicate)	344765	9.05	1600569	10.99	816664	15.82
08	WDI-VW-51-I-3-22-07	359655	9.06	1694297	10.99	858654	15.82
09	WDI-VW-51-S-3-22-07	374525	9.06	1760062	10.99	885983	15.82
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IS1 (BCM) = Bromochloromethane
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IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
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RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Verified by: Pc Date: 4/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Project ID: WDI

CAS Project ID: P2700814

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Lab File ID: 04020701.D
Date Analyzed: 04/02/07
Time Analyzed: 08:29

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	24 Hour Standard	365182	9.07	1708908	11.00	890487	15.82
	Upper Limit	511255	9.40	2392471	11.33	1246682	16.15
	Lower Limit	219109	8.74	1025345	10.67	534292	15.49
	Client Sample ID						
01	Method Blank	370132	9.05	1754553	10.99	881113	15.82
02	Lab Control Sample	344584	9.07	1617691	11.00	834566	15.82
03	Duplicate Lab Control Sample	361684	9.08	1705021	11.00	872586	15.82
04	WDI-VW-25-D-3-22-07	377569	9.06	1801331	11.00	933008	15.83
05	WDI-VW-51-D-3-22-07	429708	9.06	1818792	11.01	1136667	15.83
06	WDI-VW-30-I-3-22-07 (Dilution)	419044	9.05	1969253	10.98	984161	15.82
07	WDI-VW-30-D-3-22-07 (Dilution)	408006	9.05	1921202	10.99	971285	15.82
08	WDI-VW-30-I-3-22-07-SC (Dilution)	410588	9.05	1922919	10.99	976758	15.82
09	WDI-VW-25-D-3-22-07 (Lab Duplicate)	413068	9.06	1968302	11.00	1004292	15.83
10	WDI-VW-30-S-3-22-07	424066	9.05	2008697	11.00	998384	15.82
11	WDI-VW-30-I-3-22-07	431095	9.06	2041712	10.99	1021154	15.82
12	WDI-VW-30-D-3-22-07	435631	9.05	2063508	10.99	1023233	15.82
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IS1 (BCM) = Bromochloromethane
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AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Verified by: RC Date: 4/10/07

00814VOA.RD1 - ISS (4)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Project ID: WDI

CAS Project ID: P2700814

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Lab File ID: 04030701.D
Date Analyzed: 04/03/07
Time Analyzed: 08:16

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	24 Hour Standard	388154	9.08	1801519	11.00	937122	15.82
	Upper Limit	543416	9.41	2522127	11.33	1311971	16.15
	Lower Limit	232892	8.75	1080911	10.67	562273	15.49
	Client Sample ID						
01	Method Blank	382799	9.05	1824022	10.99	924703	15.82
02	Lab Control Sample	347195	9.07	1648154	11.01	864174	15.82
03	Duplicate Lab Control Sample	372077	9.08	1731968	11.00	896721	15.82
04	WDI-VW-30-I-3-22-07-SC	383668	9.06	1829630	11.00	918435	15.82
05	WDI-VW-TRIP-BLANK	369950	9.05	1738459	10.99	875423	15.82
06	WDI-VW-FIELD-BLANK	347602	9.04	1651725	10.98	835567	15.82
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
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AREA UPPER LIMIT = 140% of internal standard area
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Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Verified by: RG Date: 4/10/07

28

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
1	3/19/07 8:53	03190701.D	5ng TO-15 CCV STD	S15-03150704/S15-03070701	SC	1	failed
2	3/19/07 9:59	03190702.D	5ng TO-15 CCV STD	S15-03150704/S15-03070701	SC	1	failed
3	3/19/07 10:35	03190703.D	Blank (200ml)	check system	SC	1	
4	3/19/07 11:38	03190704.D	25ng BFB STD	S15-03150704	LM/SC	1	Passed
5	3/19/07 12:14	03190705.D	0.5ng TO-15 ICAL STD	S15-03150704/S15-03070703	LM/SC	1	Passed all compds
6	3/19/07 12:50	03190706.D	1ng TO-15 ICAL STD	S15-03150704/S15-03070703	LM/SC	1	
7	3/19/07 13:25	03190707.D	5ng TO-15 ICAL STD	S15-03150704/S15-03070703	LM/SC	1	
8	3/19/07 14:01	03190708.D	25ng TO-15 ICAL STD	S15-03150704/S15-03070705	LM/SC	1	
9	3/19/07 14:37	03190709.D	50ng TO-15 ICAL STD	S15-03150704/S15-03070705	LM/SC	1	
10	3/19/07 15:13	03190710.D	100ng TO-15 ICAL STD	S15-03150704/S15-03070705	LM/SC	1	
11	3/19/07 15:49	03190711.D	25ng TO-15 ICV STD	S15-03150704/S15-03070707	LM/SC	2	
12	3/19/07 16:41	03190712.D	TO-15 Method Blank (1000ml)	S15-03150704	LM/SC	1	Passed
13	3/19/07 17:25	03190713.D	25ng TO-15 LCS STD	S15-03150704/S15-03070707	LM/SC	2	Passed
14	3/19/07 18:10	03190714.D	25ng TO-15 LCSD STD	S15-03150704/S15-03070707	LM/SC	2	Passed
15	3/19/07 19:13	03190715.D	P2700712-004 (1000ml)	[redacted]1,3.0)	LM/SC	6	
16	3/19/07 19:55	03190716.D	P2700712-004 DUP(1000ml)	[redacted]2.1,3.0)	LM/SC	6	Passed as lab dup
17	3/19/07 20:36	03190717.D	P2700712-001 (1000ml)	[redacted]3,1.0)	LM/SC	3	
18	3/19/07 21:17	03190718.D	P2700712-002 (1000ml)	[redacted]3.3,1.0)	LM/SC	4	
19	3/19/07 21:59	03190719.D	P2700712-003 (1000ml)	[redacted]4.0,1.0)	LM/SC	5	
20	3/19/07 22:40	03190720.D	P2700712-005 (1000ml)	[redacted]-3.4,1.0)	LM/SC	7	
21	3/19/07 23:21	03190721.D	P2700712-006 (1000ml)	[redacted]-3.5,1.0)	LM/SC	8	
22	3/20/07 0:03	03190722.D	P2700712-007 (1000ml)	[redacted]3.2,1.0)	LM/SC	9	
23	3/20/07 0:44	03190723.D	P2700712-008 (1000ml)	[redacted]-3.5,1.0)	LM/SC	10	
24	3/20/07 1:26	03190724.D	P2700712-009 (1000ml)	[redacted]3.7,1.0)	LM/SC	11	
25	3/20/07 2:07	03190725.D	P2700712-010 (1000ml)	[redacted]2.2,1.0)	LM/SC	12	
26	3/20/07 2:48	03190726.D	P2700712-011 (1000ml)	[redacted]-3.5,1.0)	LM/SC	13	
27	3/20/07 3:30	03190727.D	P2700712-012 (1000ml)	[redacted]-3.4,1.0)	LM/SC	14	
28	3/20/07 4:11	03190728.D	P2700712-013 (1000ml)	[redacted]-2.7,1.0)	LM/SC	15	failed IS
29	3/20/07 4:53	03190729.D	P2700712-014 (1000ml)	[redacted]3.1,1.0)	LM/SC	16	
30	3/20/07 5:28	03190730.D	P2700685-004 (100ml)	[redacted](-3.8,1.0)	LM/SC	1	
31	3/20/07 8:59	03190731.D	P2700712-015 (1000ml)	[redacted]2.5,1.0)	LM/SC	3	
32	3/20/07 9:41	03190732.D	P2700712-016 (1000ml)	[redacted]3.1,1.0)	LM/SC	4	
33	3/20/07 10:22	03190733.D	P2700712-017 (1000ml)	[redacted]2.8,1.0)	LM/SC	5	
34	3/20/07 10:58	03190734.D	P2700712-013 (100ml)	[redacted].7,1.0)	LM/SC	15	

1	3/20/07 11:52	03200701.D	25ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	1	Passed
2	3/20/07 12:46	03200702.D	TO-15 Method Blank (1000ml)	S15-03150704	LM/SC	1	Passed
3	3/20/07 13:45	03200703.D	1ng TO-15 CCV STD	S15-03150704/S15-03070703	LM/SC	1	Passed
4	3/20/07 14:36	03200704.D	25ng TO-15 LCS STD	S15-03150704/S15-03070707	LM/SC	2	Passed
5	3/20/07 15:21	03200705.D	25ng TO-15 LCSD STD	S15-03150704/S15-03070707	LM/SC	2	Passed
6	3/20/07 16:20	03200706.D	P2700675-001 (1000ml)	TRC WDI-IBM-49-3-11-07 (-3.5,3.8)	LM/SC	3	
7	3/20/07 17:23	03200707.D	P2700675-001DUP (1000ml)	TRC WDI-IBM-49-3-11-07 (-3.5,3.8)	LM/SC	3	Passed
8	3/20/07 18:20	03200708.D	P2700675-002 (1000ml)	TRC WDI-IBM-49-3-11-07-SC (-3.2,3.5)	LM/SC	4	
9	3/20/07 19:05	03200709.D	P2700675-003 (1000ml)	TRC WDI-IBM-24-3-11-07 (-4.2,3.7)	LM/SC	5	

	Date/Ti
10	3/20/07 1
11	3/20/07 2
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	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
1	3/28/07 9:03	03280701.D	25ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	1	Passed
2	3/28/07 9:46	03280702.D	TO-15 Method Blank (1000ml)	S15-03150704	LM/SC	1	Passed.
3	3/28/07 10:30	03280703.D	1ng TO-15 CCV STD	S15-03150704/S15-03070703	LM/SC	1	Passed
4	3/28/07 11:13	03280704.D	25ng TO-15 LCS STD	S15-03150704/S15-03260704	LM/SC	2	Passed
5	3/28/07 12:14	03280705.D	25ng TO-15 LCSD STD	S15-03150704/S15-03260704	LM/SC	2	Passed
6	3/28/07 12:58	03280706.D	P2700782-001 (500ml)	TRC WDI-IBM-21-3-15-07 (-2.8,3.5)	LM/SC	4	
7	3/28/07 13:35	03280707.D	P2700782-001 DUP (500ml)	TRC WDI-IBM-21-3-15-07 (-2.8,3.5)	LM/SC	5	Passed
8	3/28/07 14:13	03280708.D	P2700814-010 (100ml)	TRC WDI-VW-49-S-3-15-07 (-3.0,3.5)	LM/SC	5	Case file
9	3/28/07 14:51	03280709.D	P2700814-010 (500ml)	TRC WDI-VW-49-S-3-15-07 (-3.0,3.5)	LM/SC	5	
10	3/28/07 15:26	03280710.D	P2700814-011 (100ml)	TRC WDI-VW-49-I-3-15-07 (-3.6,3.5)	LM/SC	6	
11	3/28/07 16:02	03280711.D	P2700814-012 (100ml)	TRC WDI-VW-49-D-3-15-07 (-3.3,3.5)	LM/SC	7	
12	3/28/07 16:38	03280712.D	P2700814-012 Dil (25ml)	TRC WDI-VW-49-D-3-15-07 (-3.3,3.5)	LM/SC	7	
13	3/28/07 17:22	03280713.D	P2700814-001 (75ml)	TRC WDI-VW-46-S-3-20-07 (-2.1,3.5)	LM/SC	8	
14	3/28/07 18:18	03280714.D	P2700814-001 (500ml)	TRC WDI-VW-46-S-3-20-07 (-2.1,3.5)	LM/SC	8	
15	3/28/07 18:58	03280715.D	P2700814-002 (1000ml)	TRC WDI-VW-46-I-3-20-07 (-3.1,3.5)	LM/SC	9	
16	3/28/07 19:39	03280716.D	P2700814-003 (1000ml)	TRC WDI-VW-46-D-3-20-07 (-2.8,3.5)	LM/SC	10	
17	3/28/07 20:15	03280717.D	25ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	3	Passed except Freon 11 High
18	3/28/07 20:56	03280718.D	P2700751-005 (1000ml)	[redacted](-2.2,3.5)	LM/SC	4	
19	3/28/07 21:38	03280719.D	P2700751-001 (1000ml)	[redacted]-0.5,3.5)	LM/SC	13	
20	3/28/07 22:17	03280720.D	P2700751-002 (1000ml)	[redacted].4,3.5)	LM/SC	14	
21	3/28/07 22:57	03280721.D	P2700751-003 (1000ml)	[redacted].2,3.5)	LM/SC	15	
22	3/28/07 23:38	03280722.D	P2700751-004 (1000ml)	[redacted].5,3.5)	LM/SC	16	
23	3/29/07 0:19	03280723.D	P2700751-004 DUP (1000ml)	[redacted].5,3.5)	LM/SC	16	
24	3/29/07 0:55	03280724.D	BLANK (200ml)	Rinse	LM/SC	3	

1	3/29/07 9:15	03290701.D	25ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	1	Passed
2	3/29/07 10:06	03290702.D	TO-15 Method Blank (1000ml)	S15-03150704	LM/SC	3	Passed
3	3/29/07 10:45	03290703.D	1ng TO-15 CCV STD	S15-03150704/S15-03070703	LM/SC	1	Passed
4	3/29/07 11:24	03290704.D	25ng TO-15 LCS STD	S15-03150704/S15-03260704	LM/SC	2	Passed
5	3/29/07 12:12	03290705.D	25ng TO-15 LCSD STD	S15-03150704/S15-03260704	LM/SC	2	Passed
6	3/29/07 12:49	03290706.D	P2700814-004 (40ml)	TRC WDI-VW-61-S-3-20-07 (-2.5,3.5)	LM/SC	11	Case file
7	3/29/07 13:30	03290707.D	P2700814-004 (400ml)	TRC WDI-VW-61-S-3-20-07 (-2.5,3.5)	LM/SC	11	
8	3/29/07 14:11	03290708.D	P2700814-004 DUP (400ml)	TRC WDI-VW-61-S-3-20-07 (-2.5,3.5)	LM/SC	11	Passed
9	3/29/07 14:51	03290709.D	P2700814-005 (500ml)	TRC WDI-VW-61-I-3-20-07 (-2.1,3.5)	LM/SC	12	Case file
10	3/29/07 15:33	03290710.D	P2700814-005 (1000ml)	TRC WDI-VW-61-I-3-20-07 (-2.1,3.5)	LM/SC	12	
11	3/29/07 16:19	03290711.D	P2700814-006 (1000ml)	TRC WDI-VW-61-D-3-20-07 (-2.7,3.5)	LM/SC	5	
12	3/29/07 17:09	03290712.D	P2700814-007 (1000ml)	TRC WDI-VW-29-S-3-20-07 (-2.4,3.5)	LM/SC	6	
13	3/29/07 18:34	03290713.D	P2700814-007 DIL (100ml)	TRC WDI-VW-29-S-3-20-07 (-2.4,3.5)	LM/SC	6	
14	3/29/07 19:15	03290714.D	P2700814-008 (1000ml)	TRC WDI-VW-29-I-3-20-07 (-2.8,3.5)	LM/SC	7	
15	3/29/07 19:56	03290715.D	P2700814-009 (1000ml)	TRC WDI-VW-29-D-3-20-07 (-2.4,3.5)	LM/SC	8	
16	3/29/07 20:31	03290716.D	P2700814-002 DIL (30ml)	TRC WDI-VW-46-I-3-20-07 (-3.1,3.5)	LM/SC	9	Case file
17	3/29/07 21:06	03290717.D	25ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	1	

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
18	3/29/07 21:47	03290718.D	TO-15 Method Blank (1000ml)	S15-03150704	LM/SC	3	Passed
19	3/29/07 22:23	03290719.D	1ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	1	Passed
20	3/29/07 22:58	03290720.D	25ng TO-15 LCS STD	S15-03150704/S15-03260704	LM/SC	2	Passed
21	3/29/07 23:34	03290721.D	25ng TO-15 LCSD STD	S15-03150704/S15-03260704	LM/SC	2	Passed
22	3/30/07 0:10	03290722.D	P2700814-003 DIL (30ml)	TRC WDI-VW-46-D-3-20-07 (-2.8,3.5)	LM/SC	10	Case file
23	3/30/07 0:50	03290723.D	P2700814-013 (1000ml)	TRC WDI-VW-31-S-3-20-07 (-2.4,3.5)	LM/SC	5	
24	3/30/07 1:34	03290724.D	P2700814-013 DUP (1000ml)	TRC WDI-VW-31-S-3-20-07 (-2.4,3.5)	LM/SC	5	Passed
25	3/30/07 2:09	03290725.D	P2700814-014 (1000ml)	TRC WDI-VW-31-D-3-20-07 (-2.1,3.5)	LM/SC	11	
26	3/30/07 2:45	03290726.D	P2700814-015 (400ml)	TRC WDI-VW-42-S-3-20-07 (-2.1,3.5)	LM/SC	12	
27	3/30/07 3:25	03290727.D	P2700814-016 (1000ml)	TRC WDI-VW-42-D-3-20-07 (-2.4,3.5)	LM/SC	13	
28	3/30/07 4:06	03290728.D	P2700814-017 (1000ml)	TRC WDI-VW-42-D-3-20-07-SC (-2.4,3.5)	LM/SC	14	
29	3/30/07 4:47	03290729.D	P2700814-018 (1000ml)	TRC WDI-VW-41-S-3-22-07 (-2.6,3.5)	LM/SC	15	
30	3/30/07 5:22	03290730.D	P2700728-001 (200ml)	[redacted] 4,3.5)	LM/SC	16	
31	3/30/07 5:57	03290731.D	P2700728-001DIL (25ml)	[redacted] 4,3.5)	LM/SC	16	
32	3/30/07 6:32	03290732.D	BLANK (200ml)	Rinse	LM/SC	3	
33	3/30/07 7:08	03290733.D	25ng TO-15 CCV STD	S15-03150704/S15-03070705(closing CCV)	LM/SC	1	Passed

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment	
1	3/30/07 8:18	03300701.D	25ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	1	Passed	
2	3/30/07 9:35	03300702.D	TO-15 Method Blank (1000ml)	S15-03150704	LM/SC	3	Passed	
3	3/30/07 10:26	03300703.D	1ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	1	Passed	
4	3/30/07 11:20	03300704.D	1ng TO-15 CCV STD	S15-03150703/S15-03070705	LM/SC	1	Passed	
5	3/30/07 12:06	03300705.D	25ng TO-15 LCS STD	S15-03150703/S15-03260704	LM/SC	2	Passed	
6	3/30/07 12:43	03300706.D	25ng TO-15 LCSD STD	S15-03150703/S15-03260704	LM/SC	2	Passed	
7	3/30/07 13:18	03300707.D	P2700814-019 (400ml)	TRC WDI-VW-41-D-3-22-07 (-2.3,3.5)	LM/SC	4		
8	3/30/07 14:32	03300708.D	P2700814-002 DIL (5.0ml)	TRC WDI-VW-46-I-3-20-07 (-3.1,3.5)	LM/SC	1		
9	3/30/07 15:17	03300709.D	P2700814-003 DIL (5.0ml)	TRC WDI-VW-46-D-3-20-07 (-2.8,3.5)	LM/SC	1		
10	3/30/07 15:55	03300710.D	P2700814-019 DUP (400ml)	TRC WDI-VW-41-D-3-22-07 (-2.3,3.5)	LM/SC	4	Passed	
11	3/30/07 16:31	03300711.D	P2700814-020 (100ml)	TRC WDI-VW-51-S-3-22-07 (-2.7,3.5)	LM/SC	5	Case file	
12	3/30/07 17:12	03300712.D	P2700814-021 (1000ml)	TRC WDI-VW-51-I-3-22-07 (-3.4,3.5)	LM/SC	6		
13	3/30/07 18:17	03300713.D	P2700814-022 (0.6ml)	TRC WDI-VW-51-D-3-22-07 (-3.4,3.5)	LM/SC	1	Case file	
14	3/30/07 18:58	03300714.D	P2700814-020 (1000ml)	TRC WDI-VW-51-S-3-22-07 (-2.7,3.5)	LM/SC	5		
15	3/30/07 19:33	03300715.D	P2700814-023 (25ml)	TRC WDI-VW-25-D-3-22-07 (-3.6,3.5)	LM/SC	8	Case file	
16	3/30/07 20:09	03300716.D	25ng TO-15 CCV STD	S15-03150703/S15-03070705	LM/SC	1	Passed Except Chloroethane, Acetone	
17	3/30/07 20:50	03300717.D	TO-15 Method Blank (1000ml)	S15-03150703	LM/SC	1	Passed	
18	3/30/07 21:25	03300718.D	1ng TO-15 CCV STD	S15-03150703/S15-03070703	LM/SC	1	Passed	
19	3/30/07 22:01	03300719.D	25ng TO-15 LCS STD	S15-03150703/S15-03260704	LM/SC	2	Passed	
20	3/30/07 22:36	03300720.D	25ng TO-15 LCSD STD	S15-03150703/S15-03260704	LM/SC	2	Passed	
21	3/30/07 23:17	03300721.D	P2700814-024 (1000ml)	TRC WDI-VW-30-S-3-22-07 (-2.7,3.5)	LM/SC	9	Case file	RR
22	3/31/07 0:00	03300722.D	P2700814-024 DUP (1000ml)	TRC WDI-VW-30-S-3-22-07 (-2.7,3.5)	LM/SC	9	Passed Case file	
23	3/31/07 0:41	03300723.D	P2700814-025 (1000ml)	TRC WDI-VW-30-I-3-22-07 (-2.8,3.5)	LM/SC	10	Case file	RR
24	3/31/07 1:22	03300724.D	P2700814-026 (1000ml)	TRC WDI-VW-30-D-3-22-07 (-2.2,3.5)	LM/SC	11	Case file	RR
25	3/31/07 2:03	03300725.D	P2700814-027 (1000ml)	TRC WDI-VW-30-I-3-22-07-SC (-2.4,3.5)	LM/SC	12	Case file	RR
26	3/31/07 2:38	03300726.D	BLANK (200ml)	Rinse	LM/SC	1		

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
27	3/31/07 3:21	03300727.D	P2700814-028 (1000ml)	TRC WDI-VW-TRIP-BLANK (-14.1,3.5)	LM/SC	13	Case file RR
28	3/31/07 4:04	03300728.D	P2700814-029 (1000ml)	TRC WDI-VW-FIELD-BLANK (-14.1,3.5)	LM/SC	14	Case file RR
29	3/31/07 4:39	03300729.D	25ng TO-15 CCV STD	S15-03150703/S15-03070705	LM/SC	1	passed except Acetone
30	3/31/07 5:21	03300730.D	P2700751-001 (1000ml)	[redacted]5,3.5)	LM/SC	3	
31	3/31/07 6:02	03300731.D	P2700751-002 (1000ml)	[redacted]1.4,3.5)	LM/SC	4	
32	3/31/07 6:44	03300732.D	P2700751-005 (1000ml)	[redacted]2.2,3.5)	LM/SC	7	
33	3/31/07 7:26	03300733.D	P2700751-003 (1000ml)	[redacted]2.2,3.5)	LM/SC	15	
34	3/31/07 8:13	03300734.D	P2700751-004 (1000ml)	[redacted]1.5,3.5)	LM/SC	16	

1	4/2/07 8:29	04020701.D	25ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	1	Passed
2	4/2/07 10:18	04020702.D	TO-15 Method Blank (1000ml)	S15-03150704	LM/SC	1	Passed
3	4/2/07 11:11	04020703.D	1ng TO-15 CCV STD	S15-03150704/S15-03070703	LM/SC	1	Passed
4	4/2/07 11:58	04020704.D	25ng TO-15 LCS STD	S15-03150704/S15-03260704	LM/SC	2	Passed
5	4/2/07 12:51	04020705.D	25ng TO-15 LCSD STD	S15-03150704/S15-03260704	LM/SC	2	Passed
6	4/2/07 13:48	04020706.D	P2700814-023 (500ml)	TRC WDI-VW-3-22-07 (-3.6,3.5)	LM/SC	8	
7	4/2/07 14:38	04020707.D	P2700814-022 (40ml)	TRC WDI-VW-51-D-3-22-07 (-3.4,3.5)	LM/SC	3	
8	4/2/07 15:22	04020708.D	P2700814-025 Dil (100ml)	TRC WDI-VW-30-I-3-22-07 (-2.8,3.5)	LM/SC	10	
9	4/2/07 15:58	04020709.D	P2700814-026 Dil (100ml)	TRC WDI-VW-30-D-3-22-07 (-2.2,3.5)	LM/SC	11	
10	4/2/07 16:34	04020710.D	P2700814-027 Dil (100ml)	TRC WDI-VW-30-I-3-22-07-SC (-2.4,3.5)	LM/SC	12	
11	4/2/07 17:27	04020711.D	P2700814-023 DUP (500ml)	TRC WDI-VW-25-D-3-22-07 (-3.6,3.5)	LM/SC	8	Passed
12	4/2/07 18:19	04020712.D	P2700814-024 (1000ml)	TRC WDI-VW-30-S-3-22-07 (-2.7,3.5)	LM/SC	9	
13	4/2/07 19:03	04020713.D	P2700814-025 (1000ml)	TRC WDI-VW-30-I-3-22-07 (-2.8,3.5)	LM/SC	10	
14	4/2/07 19:47	04020714.D	P2700814-026 (1000ml)	TRC WDI-VW-30-D-3-22-07 (-2.2,3.5)	LM/SC	11	
15	4/2/07 20:23	04020715.D	25ng TO-15 CCV STD	S15-03150703/S15-03070705	LM/SC	1	Passed
16	4/2/07 21:04	04020716.D	P2700786-001 (1000ml)	[redacted]-1.2,3.5)	LM/SC	3	
17	4/2/07 21:44	04020717.D	P2700786-002 (1000ml)	[redacted]-1.1,3.5)	LM/SC	4	
18	4/2/07 22:25	04020718.D	P2700786-003 (1000ml)	[redacted]1.7,3.5)	LM/SC	5	
19	4/2/07 23:06	04020719.D	P2700786-004 (1000ml)	[redacted]1.1,3.5)	LM/SC	6	
20	4/2/07 23:47	04020720.D	P2700786-005 (1000ml)	[redacted]1.2,3.5)	LM/SC	7	
21	4/3/07 0:28	04020721.D	P2700786-005 DUP (1000ml)	[redacted]-1.2,3.5)	LM/SC	7	Passed

1	4/3/07 8:16	04030701.D	25ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	1	Passed
2	4/3/07 9:14	04030702.D	TO-15 Method Blank (1000ml)	S15-03150704	LM/SC	1	Passed
3	4/3/07 10:00	04030703.D	1ng TO-15 CCV STD	S15-03150704/S15-03070703	LM/SC	1	Passed
4	4/3/07 10:53	04030704.D	25ng TO-15 LCS STD	S15-03150704/S15-03260704	LM/SC	2	Passed
5	4/3/07 11:38	04030705.D	25ng TO-15 LCSD STD	S15-03150704/S15-03260704	LM/SC	2	Passed
6	4/3/07 12:53	04030706.D	P2700814-027 (1000ml)	TRC WDI-VW-30-I-3-22-07-SC (-2.4,3.5)	LM/SC	12	
7	4/3/07 13:29	04030707.D	Blank (200ml)	Rinse	LM/SC	1	
8	4/3/07 14:21	04030708.D	P2700814-028 (1000ml)	TRC WDI-VW-TRIP-BLANK (-14.1,3.5)	LM/SC	13	
9	4/3/07 15:13	04030709.D	P2700814-029 (1000ml)	TRC WDI-VW-FIELD-BLANK (-14.1,3.5)	LM/SC	14	
10	4/3/07 15:54	04030710.D	P2700747-012 (1000ml)	[redacted]14.1,3.5)	LM/SC	15	
11	4/3/07 16:33	04030711.D	25ng TO-15 CCV STD	S15-03150704/S15-03070705	LM/SC	1	Passed
12	4/3/07 17:45	04030712.D	P2700821-001 (1000ml)	[redacted].2,3.5)	LM/SC	3	

Chlorobenzene Action

RR
Case File
RR
RR
RR

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: TRC Work order: P2700814

Project: WDI

Sample(s) received on: 3/23/07 Date opened: 3/23/07 by: LK

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☒	☐	☐
	Location of seal(s)? TOP OF BOX Sealing Lid?	☒	☐	☐
	Were signature and date included?	☒	☐	☐
	Were seals intact?	☒	☐	☐
	Were custody seals on outside of sample container?	☐	☐	☒
	Location of seal(s)? Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2700814-001			NA	
P2700814-002			NA	
P2700814-003			NA	
P2700814-004			NA	
P2700814-005			NA	
P2700814-006			NA	
P2700814-007			NA	
P2700814-008			NA	
P2700814-009			NA	
P2700814-010			NA	

Explain any discrepancies: (include lab sample ID numbers):

296

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: TRC Work order: P2700814

Project: WDI

Sample(s) received on: 3/23/07 Date opened: 3/23/07 by: LK

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2700814-011			NA	
P2700814-012			NA	
P2700814-013			NA	
P2700814-014			NA	
P2700814-015			NA	
P2700814-016			NA	
P2700814-017			NA	
P2700814-018			NA	
P2700814-019			NA	
P2700814-020			NA	
P2700814-021			NA	
P2700814-022			NA	
P2700814-023			NA	
P2700814-024			NA	
P2700814-025			NA	
P2700814-026			NA	
P2700814-027			NA	
P2700814-028			NA	
P2700814-029			NA	

Air Chain of Custody Record & Analytical Service Request

Columbia Analytical Services INC.
An Employee - Owned Company
2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No. P2700814

Company Name & Address (Reporting Information): TRC, 21 W. TECHNOLOGY DR., IRVINE, CA. 92618

Project Name: WDI

Project Number:

Project Manager: ANAND HELEKAR

P.O. # / Billing Information:

Phone: (949) 727-9336 Fax: (949) 727-7399

Email Address for Result Reporting: AHELEKAR@TRCSOLUTIONS.COM

Sampler (Print & Sign): STEVEN CRAWFORD Steven Crawford

CAS Contact:

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	TO-15	EPA 25C MODIFIED (TOTAL NON METHANE ORGANIC CARBON)	EPA 3C MODIFIED (METHANE)		Comments e.g. Actual Preservative or specific instructions
WDI-VW-46-S-3-20-07	1	3-20-07	0927	AIR	SC00537	6V-5-120	6L	X	X	X		
WDI-VW-46-I-3-20-07	2	3-20-07	0927	AIR	SC00097	6V-5-012	6L	X	X	X		
WDI-VW-46-D-3-20-07	3	3-20-07	0927	AIR	SC00642	6V-5-126	6L	X	X	X		
WDI-VW-61-S-3-20-07	4	3-20-07	1059	AIR	SC00329	6V-5-098	6L	X	X	X		
WDI-VW-61-I-3-20-07	5	3-20-07	1059	AIR	SC00887	6V-5-120	6L	X	X	X		
WDI-VW-61-D-3-20-07	6	3-20-07	1059	AIR	SC00854	6V-5-126	6L	X	X	X		
WDI-VW-29-S-3-20-07	7	3-20-07	1210	AIR	SC00796	6V-5-024	6L	X	X	X		
WDI-VW-29-I-3-20-07	8	3-20-07	1210	AIR	SC00787	6V-5-028	6L	X	X	X		
WDI-VW-29-D-3-20-07	9	3-20-07	1210	AIR	SC00616	6V-5-008	6L	X	X	X		
WDI-VW-49-S-3-15-07	10	3-15-07	1212	AIR	SC00136	6V-5-120	6L	X	X	X		
WDI-VW-49-I-3-15-07	11	3-15-07	1212	AIR	SC00053	6V-5-126	6L	X	X	X		
WDI-VW-49-D-3-15-07	12	3-15-07	1212	AIR	SC00663	6V-5-098	6L	X	X	X		
WDI-VW-31-S-3-20-07	13	3-20-07	1623	AIR	SC00682	6V-5-008	6L	X	X	X		
WDI-VW-31-D-3-20-07	14	3-20-07	1623	AIR	SC00868	6V-5-002	6L	X	X	X		

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) ____
Tier III - (Data Validation Package) 10% Surcharge ✓
Tier V - (client specified) ____
EDD required: Yes / No
Type: ____ EDD Units: ____

Project Requirements (MRLs, QAPP): 11399, 11400

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Steven Crawford	3/23/07	11:55	[signature]	3/23/07	1155
[signature]	3/23/07	1535	[signature]	3/23/07	1535

Cooler / Blank
Temperature ____ °C

Chain of Custody Record & Analytical Service Request

Columbia Analytical Services INC.
An Employee - Owned Company

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No. P2700814

CAS Contact

Company Name & Address (Reporting Information): TRC, 21 W. TECHNOLOGY DR., IRVINE, CA. 92618

Project Name: WOI

Project Number:

Project Manager: ANAND HELEKAR

P.O. # / Billing Information:

Phone: (949) 727-9336 Fax: (949) 727-7399

Email Address for Result Reporting:

Sampler (Print & Sign): STEVEN CRAWFORD Steven Crawford

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	TO-15	EPA 25c MODIFIED (TOTAL NON METHANE ORGANIC CARBON)	EPA 3C MODIFIED (METHANE)		Comments e.g. Actual Preservative or specific instructions
WOI-VW-42-S-3-20-07	15	3-20-07	1506	AIR	SC00809	6V-.5-002	6L	X	X	X		
WOI-VW-42-D-3-20-07	16	3-20-07	1506	AIR	SC00661	6V-.5-008	6L	X	X	X		
WOI-VW-42-D-3-20-07-SC	17	3-20-07	1506	AIR	SC00853	6V-.5-123	6L	X	X	X		
WOI-VW-41-S-3-22-07	18	3-22-07	0753	AIR	SC00060	6V-.5-117	6L	X	X	X		
WOI-VW-41-D-3-22-07	19	3-22-07	0753	AIR	SC00758	6V-.5-036	6L	X	X	X		
WOI-VW-51-S-3-22-07	20	3-22-07	1125	AIR	SC00819	6V-.5-124	6L	X	X	X		
WOI-VW-51-I-3-22-07	21	3-22-07	1125	AIR	SC00548	6V-.5-118	6L	X	X	X		
WOI-VW-51-D-3-22-07	22	3-22-07	1125	AIR	SC00153	6V-.5-051	6L	X	X	X		
WOI-VW-25-D-3-22-07	23	3-22-07	1247	AIR	SC00372	6V-.5-100	6L	X	X	X		
WOI-VW-30-S-3-22-07	24	3-22-07	1033	AIR	SC00762	6V-.5-100	6L	X	X	X		
WOI-VW-30-I-3-22-07	25	3-22-07	1033	AIR	SC00680	6V-.5-117	6L	X	X	X		
WOI-VW-30-D-3-22-07	26	3-22-07	1033	AIR	SC00801	6V-.5-069	6L	X	X	X		
WOI-VW-30-I-3-22-07-SC	27	3-22-07	1033	AIR	SC00083	6V-.5-036	6L	X	X	X		
WOI-VW-TRIP-BLANK	28	3-22-07		AIR	AC00664	NONE	6L	X	X	X		
WOI-VW-FIELD-BLANK	29	3-22-07		AIR	AC01072	NONE	6L	X	X	X		

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) ____
Tier III - (Data Validation Package) 10% Surcharge ✓
Tier V - (client specified) ____

EDD required (Yes) No
Type: _____ EDD Units: _____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Steven Crawford	3/23/07	11:55	[signature]	3/23/07	1155
[signature]	3/23/07	1535	Jonnie Lindsey	3/23/07	1535
[signature]					

Cooler / Blank
Temperature _____ °C