



ANALYTICAL REPORT

Job Number: 280-18743-1

Job Description: Steve Lindblom

For:

Colorado Oil&Gas Conservation Commision

1120 Lincoln St.

Suite 801

Denver, CO 80203

Attention: Steven Lindblom

Approved for release
Joseph J Egry
Project Manager
8/15/2011 1:29 PM

Joseph J Egry
Project Manager I
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08/15/2011

The test results in this report relate only to the samples in this report and meet all requirements of NELAP, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

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CASE NARRATIVE

Client: Colorado Oil&Gas Conservation Commission

Project: Steve Lindblom

Report Number: 280-18743-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 08/02/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.1°C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB04-15 (280-18743-1), SB04-25 (280-18743-2), SB05-10 (280-18743-3), SB06-10 (280-18743-4), SB06-20 (280-18743-5) and SB07-10 (280-18743-6) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/05/2011 and 08/10/2011.

Samples SB04-15 (280-18743-1) [200X] and SB06-10 (280-18743-4) [200X] required dilution prior to analysis due to the high concentrations of non-target analytes. The reporting limits have been adjusted accordingly.

4-Bromofluorobenzene (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria high for 280-18826-A-2-B MS and 280-18826-A-2-C MSD. Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

1,2-Dichloropropane failed the recovery criteria high for the MS and MSD of sample 280-18826-2 in batch 280-80860. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The continuing calibration verification (CCV) for Bromomethane recovered above the upper control limit 60.1%, max limit 35%. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported

No other difficulties were encountered during the VOC analyses.

All other quality control parameters were within the acceptance limits.

SEMI-VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB04-15 (280-18743-1), SB04-25 (280-18743-2), SB05-10 (280-18743-3), SB06-10 (280-18743-4), SB06-20 (280-18743-5) and SB07-10 (280-18743-6) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were analyzed on 08/09/2011.

Perchlorophenol exceeded the RPD limit for the MSD of sample SB04-15MSD (280-18743-1) in batch 280-80602. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The initial calibration verification (ICV) for analytical batch 80602 exceeded control criteria for Methyl Methanesulfonate at 190.42% and 1,4-Naphthoquinone at 170.60%. All associated samples were ND for these compounds.

No other difficulties were encountered during the SVOC analyses.

All other quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS (GRO)

Samples SB04-15 (280-18743-1), SB04-25 (280-18743-2), SB05-10 (280-18743-3), SB06-10 (280-18743-4), SB06-20 (280-18743-5) and SB07-10 (280-18743-6) were analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were analyzed on 08/05/2011 and 08/08/2011.

Samples SB04-15 (280-18743-1) [2X] and SB06-10 (280-18743-4) [5X] required dilution prior to analysis due to the high concentration of the target analyte. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the GRO analyses.

All quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS

Samples SB04-15 (280-18743-1), SB04-25 (280-18743-2), SB05-10 (280-18743-3), SB06-10 (280-18743-4), SB06-20 (280-18743-5) and SB07-10 (280-18743-6) were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015B - DRO. The samples were analyzed on 08/05/2011 and 08/08/2011.

Surrogate o-Terphenyl recovery for the following samples were outside control limits: 280-18805-6 MS, and 280-18805-6 MSD. Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. The samples contained DROs which may have co-eluted with the surrogate to cause high recoveries.

Diesel Range Organics [C10-C25] failed the recovery criteria high for the MSD of sample SB06-10MSD (280-18743-4) in batch 280-80462. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Diesel Range Organics [C10-C25] failed the recovery criteria high for the MS and MSD of sample 280-18805-6 in batch 280-80540. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other difficulties were encountered during the DRO analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS

Samples SB04-15 (280-18743-1), SB04-25 (280-18743-2), SB05-10 (280-18743-3), SB06-10 (280-18743-4), SB06-20 (280-18743-5) and SB07-10 (280-18743-6) were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 08/05/2011 and 08/08/2011.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SB04-15 (280-18743-1), SB04-25 (280-18743-2), SB05-10 (280-18743-3), SB06-10 (280-18743-4), SB06-20 (280-18743-5) and SB07-10 (280-18743-6) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were analyzed on 08/10/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples SB04-15 (280-18743-1), SB04-25 (280-18743-2), SB05-10 (280-18743-3), SB06-10 (280-18743-4), SB06-20 (280-18743-5) and SB07-10 (280-18743-6) were analyzed for percent solids in accordance with EPA SW846 3550C. The samples were analyzed on 08/05/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: MSV_J

Analysis Batch Number: 79630

Lab Sample ID: IC 280-79630/4

Client Sample ID:

Date Analyzed: 08/02/11 09:36

Lab File ID: J8144.D

GC Column: DB-624

ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	4.02	Analyte not Identified by the Data System	reinhardt j	08/02/11 12:15

Lab Sample ID: IC 280-79630/8

Client Sample ID:

Date Analyzed: 08/02/11 11:06

Lab File ID: J8148.D

GC Column: DB-624

ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Analyte not Identified by the Data System	reinhardt j	08/02/11 12:16

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica DenverJob No.: 280-18743-1

SDG No.: _____

Instrument ID: MSS_BAnalysis Batch Number: 79173Lab Sample ID: STD200 280-79173/9 IC

Client Sample ID: _____

Date Analyzed: 07/28/11 18:15Lab File ID: B6084.DGC Column: VF-5MSID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
Benzoic acid	5.95	Split Peak	kiekeld
			07/29/11 15:54

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.:

Instrument ID: MSS_B Analysis Batch Number: 79190

Lab Sample ID: ICIS 280-79190/2 Client Sample ID:

Date Analyzed: 07/29/11 08:56 Lab File ID: B6090.D GC Column: Vf-5MS ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a-Dimethylphenethylamine	6.02	Split Peak	kiekeld	08/01/11 08:12

Lab Sample ID: STD120 280-79190/6 IC Client Sample ID:

Date Analyzed: 07/29/11 10:18 Lab File ID: B6094.D GC Column: Vf-5MS ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a-Dimethylphenethylamine	6.02	Split Peak	kiekeld	08/01/11 08:16

Lab Sample ID: STD160 280-79190/7 IC Client Sample ID:

Date Analyzed: 07/29/11 10:39 Lab File ID: B6095.D GC Column: Vf-5MS ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a-Dimethylphenethylamine	6.02	Split Peak	kiekeld	08/01/11 08:17

Lab Sample ID: STD200 280-79190/8 IC Client Sample ID:

Date Analyzed: 07/29/11 10:59 Lab File ID: B6096.D GC Column: Vf-5MS ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a-Dimethylphenethylamine	6.02	Split Peak	kiekeld	08/01/11 08:18

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica DenverJob No.: 280-18743-1

SDG No.: _____

Instrument ID: MSS_BAnalysis Batch Number: 80602Lab Sample ID: CCV 280-80602/3

Client Sample ID: _____

Date Analyzed: 08/09/11 12:28Lab File ID: B6265.DGC Column: Vf-5MSID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
a,a-Dimethylphenethylamine	6.01	Split Peak	kiekeld

DATE
08/09/11 13:31

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Instrument ID: GCV_L Analysis Batch Number: 61816

Lab Sample ID: IC 280-61816/3 Client Sample ID: _____

Date Analyzed: 04/11/11 16:26 Lab File ID: 116F0601.D GC Column: RTX 502.2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a, a, a-Trifluorotoluene	12.11	Baseline Event	SmithM	04/12/11 10:11
Gasoline Range Organics (GRO) -C6-C10	13.71	Baseline Event	SmithM	04/12/11 10:11
C5-C12	14.27	Baseline Event	SmithM	04/12/11 10:11
C6-C12	15.03	Baseline Event	SmithM	04/12/11 10:11
1-Chloro-4-fluorobenzene	16.73	Baseline Event	SmithM	04/12/11 10:11
Chlorobenzene	17.03	Baseline Event	SmithM	04/12/11 10:11

Lab Sample ID: IC 280-61816/4 Client Sample ID: _____

Date Analyzed: 04/11/11 17:40 Lab File ID: 118F0801.D GC Column: RTX 502.2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.12	Baseline Event	SmithM	04/12/11 10:12
Gasoline Range Organics (GRO) -C6-C10	13.71	Baseline Event	SmithM	04/12/11 10:12
C5-C12	14.27	Baseline Event	SmithM	04/12/11 10:12
C6-C12	15.03	Baseline Event	SmithM	04/12/11 10:12
1-Chloro-4-fluorobenzene	16.74	Baseline Event	SmithM	04/12/11 10:12
Chlorobenzene	17.04	Baseline Event	SmithM	04/12/11 10:12

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCV_L Analysis Batch Number: 61816

Lab Sample ID: ICRT 280-61816/5

Client Sample ID:

Date Analyzed: 04/11/11 18:18

Lab File ID: 119F0901.D

GC Column: RTX 502.2

ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	DATE
a,a,a-Trifluorotoluene	12.12	Baseline Event	04/12/11 10:12
Gasoline Range Organics (GRO) -C6-C10	13.71	Baseline Event	04/12/11 10:13
C5-C12	14.27	Baseline Event	04/12/11 10:13
C6-C12	15.03	Baseline Event	04/12/11 10:13
1-Chloro-4-fluorobenzene	16.74	Baseline Event	04/12/11 10:12
Chlorobenzene	17.04	Baseline Event	04/12/11 10:12

Lab Sample ID: IC 280-61816/6 Client Sample ID:

Date Analyzed: 04/11/11 18:55

Lab File ID: 120F1001.D

GC Column: RTX 502.2

ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	DATE
a,a,a-Trifluorotoluene	12.12	Baseline Event	04/12/11 10:13
Gasoline Range Organics (GRO) -C6-C10	13.71	Baseline Event	04/12/11 10:13
C5-C12	14.27	Baseline Event	04/12/11 10:13
C6-C12	15.03	Baseline Event	04/12/11 10:13
1-Chloro-4-fluorobenzene	16.74	Baseline Event	04/12/11 10:13
Chlorobenzene	17.04	Baseline Event	04/12/11 10:13

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCV_L

Analysis Batch Number: 61816

Lab Sample ID: IC 280-61816/7

Client Sample ID:

Date Analyzed: 04/11/11 19:32

Lab File ID: 121F1101.D

GC Column: RTX 502.2

ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
a,a,a-Trifluorotoluene	12.12	Baseline Event	SmithM
Gasoline Range Organics (GRO)	13.71	Baseline Event	SmithM
-C6-C10			
C5-C12	14.27	Baseline Event	SmithM
C6-C12	15.03	Baseline Event	SmithM
1-Chloro-4-fluorobenzene	16.74	Baseline Event	SmithM
Chlorobenzene	17.03	Baseline Event	SmithM

Lab Sample ID: IC 280-61816/8

Client Sample ID:

Date Analyzed: 04/11/11 20:10

Lab File ID: 122F1201.D

GC Column: RTX 502.2

ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
a,a,a-Trifluorotoluene	12.11	Baseline Event	SmithM
1-Chloro-4-fluorobenzene	16.74	Baseline Event	SmithM
Chlorobenzene	17.03	Baseline Event	SmithM

Lab Sample ID: ICV 280-61816/9

Client Sample ID:

Date Analyzed: 04/11/11 21:23

Lab File ID: 124F1401.D

GC Column: RTX 502.2

ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
a,a,a-Trifluorotoluene	12.09	Baseline Event	SmithM
Gasoline	13.71	Baseline Event	SmithM
Gasoline Range Organics (GRO)	13.71	Baseline Event	SmithM
-C6-C10			
C5-C12	14.27	Baseline Event	SmithM
C6-C12	15.03	Baseline Event	SmithM
Chlorobenzene	17.02	Baseline Event	SmithM

8015B

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCV_L Analysis Batch Number: 80294

Lab Sample ID: CCVRT 280-80294/2

Client Sample ID:

Date Analyzed: 08/05/11 12:26

Lab File ID: 107F0301.D

GC Column: RTX 502.2

ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	DATE
a,a,a-Trifluorotoluene	12.11	Baseline Event	08/05/11 12:56
Gasoline Range Organics (GRO) -C6-C10	13.66	Baseline Event	08/05/11 00:00
Chlorobenzene	17.03	Baseline Event	08/05/11 12:56

Lab Sample ID: LCS 280-79870/1-A

Client Sample ID:

Date Analyzed: 08/05/11 13:31

Lab File ID: 108F0401.D

GC Column: RTX 502.2

ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	DATE
a,a,a-Trifluorotoluene	12.12	Baseline Event	08/08/11 11:23
Gasoline Range Organics (GRO) -C6-C10	13.66	Baseline Event	08/08/11 00:00

Lab Sample ID: LCSD 280-79870/2-A

Client Sample ID:

Date Analyzed: 08/05/11 14:09

Lab File ID: 109F0501.D

GC Column: RTX 502.2

ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	DATE
a,a,a-Trifluorotoluene	12.11	Baseline Event	08/08/11 11:24
Gasoline Range Organics (GRO) -C6-C10	13.66	Baseline Event	08/08/11 00:00

Lab Sample ID: MB 280-79870/3-A

Client Sample ID:

Date Analyzed: 08/05/11 14:46

Lab File ID: 110F0601.D

GC Column: RTX 502.2

ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	DATE
a,a,a-Trifluorotoluene	12.11	Baseline Event	08/08/11 11:25
Gasoline Range Organics (GRO) -C6-C10	13.66	Baseline Event	08/08/11 00:00

8015B

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.:

Instrument ID: GCV L Analysis Batch Number: 80294

Lab Sample ID: 280-18743-2 Client Sample ID: SB04-25

Date Analyzed: 08/05/11 16:01 Lab File ID: 112F0801.D GC Column: RTX 502.2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
a,a,a-Trifluorotoluene	12.13	Baseline Event	byla 08/08/11 11:27
Gasoline Range Organics (GRO) -C6-C10	13.66	Baseline Event	byla 08/08/11 00:00

Lab Sample ID: 280-18743-3 Client Sample ID: SB05-10

Date Analyzed: 08/05/11 16:39 Lab File ID: 113F0901.D GC Column: RTX 502.2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
a,a,a-Trifluorotoluene	12.13	Baseline Event	byla 08/08/11 11:28
Gasoline Range Organics (GRO) -C6-C10	13.66	Baseline Event	byla 08/08/11 00:00

Lab Sample ID: CCV 280-80294/8 Client Sample ID:

Date Analyzed: 08/05/11 17:18 Lab File ID: 114F1001.D GC Column: RTX 502.2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
a,a,a-Trifluorotoluene	12.11	Baseline Event	byla 08/08/11 11:21
Gasoline Range Organics (GRO) -C6-C10	13.66	Baseline Event	byla 08/08/11 00:00
Chlorobenzene	17.04	Baseline Event	byla 08/08/11 11:21

Lab Sample ID: 280-18743-6 Client Sample ID: SB07-10

Date Analyzed: 08/05/11 19:11 Lab File ID: 117F1301.D GC Column: RTX 502.2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
a,a,a-Trifluorotoluene	12.13	Baseline Event	byla 08/08/11 11:31
Gasoline Range Organics (GRO) -C6-C10	13.66	Baseline Event	byla 08/08/11 00:00

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Instrument ID: GCV_L Analysis Batch Number: 80294

Lab Sample ID: 280-18743-6 MS Client Sample ID: SB07-10 MS

Date Analyzed: 08/05/11 19:48 Lab File ID: 118F1401.D GC Column: RTX 502.2 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	DATE
a,a,a-Trifluorotoluene	12.11	Baseline Event	08/08/11 11:32
Gasoline Range Organics (GRO) -C6-Cl0	13.66	Baseline Event	08/08/11 00:00

Lab Sample ID: 280-18743-6 MSD Client Sample ID: SB07-10 MSD

Date Analyzed: 08/05/11 21:03 Lab File ID: 120F1601.D GC Column: RTX 502.2 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	DATE
a,a,a-Trifluorotoluene	12.12	Baseline Event	08/08/11 11:32
Gasoline Range Organics (GRO) -C6-Cl0	13.66	Baseline Event	08/08/11 00:00

Lab Sample ID: CCV 280-80294/12 Client Sample ID: _____

Date Analyzed: 08/05/11 21:40 Lab File ID: 121F1701.D GC Column: RTX 502.2 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	DATE
a,a,a-Trifluorotoluene	12.12	Baseline Event	08/08/11 11:22
Gasoline Range Organics (GRO) -C6-Cl0	13.66	Baseline Event	08/08/11 00:00
Chlorobenzene	17.04	Baseline Event	08/08/11 11:22

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCV_1 Analysis Batch Number: 80430

Lab Sample ID: CCVRT 280-80430/2 Client Sample ID:

Date Analyzed: 08/08/11 13:40 Lab File ID: 109F0201.D GC Column: RTX 502.2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.11	Baseline Event	byla	08/08/11 14:38
Gasoline Range Organics (GRO) -C6-C10	13.68	Baseline Event	byla	08/08/11 00:00
Chlorobenzene	17.05	Baseline Event	byla	08/08/11 14:38

Lab Sample ID: 280-18743-1 Client Sample ID: SB04-15

Date Analyzed: 08/08/11 15:04 Lab File ID: 110F0301.D GC Column: RTX 502.2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.12	Split Peak	byla	08/09/11 09:22
Gasoline Range Organics (GRO) -C6-C10	13.68	Baseline Event		

Lab Sample ID: 280-18743-4 Client Sample ID: SB06-10

Date Analyzed: 08/08/11 15:41 Lab File ID: 111F0401.D GC Column: RTX 502.2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.14	Baseline Event	byla	08/09/11 09:23
Gasoline Range Organics (GRO) -C6-C10	13.68	Baseline Event	byla	08/09/11 00:00

Lab Sample ID: 280-18743-5 Client Sample ID: SB06-20

Date Analyzed: 08/08/11 16:19 Lab File ID: 112F0501.D GC Column: RTX 502.2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a,a-Trifluorotoluene	12.13	Baseline Event	byla	08/09/11 09:24
Gasoline Range Organics (GRO) -C6-C10	13.68	Baseline Event	byla	08/09/11 00:00

8015B

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCV_L Analysis Batch Number: 80430

Lab Sample ID: CCV 280-80430/6 Client Sample ID:

Date Analyzed: 08/08/11 16:56 Lab File ID: 113F0601.D GC Column: RTX 502.2 ID: 0.53 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
a,a,a-Trifluorotoluene Gasoline Range Organics (GRO) -C6-Cl0 Chlorobenzene	12.12	Baseline Event	byla
	13.68	Baseline Event	byla
	17.04	Baseline Event	byla

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS U

Analysis Batch Number: 76566

Lab Sample ID: IC 280-76566/1

Client Sample ID:

Date Analyzed: 07/13/11 21:07

Lab File ID: 004B0401.D

GC Column: RTX-1 (30.32)

ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
C10-C22	3.74	Baseline Event	birdsellm
C10-C24	3.97	Baseline Event	birdsellm
Diesel Range Organics [C10-C25]	4.08	Baseline Event	birdsellm
Diesel Range Organics [C10-C28]	4.39	Baseline Event	birdsellm
C8-C34	4.55	Baseline Event	birdsellm
C10-C32	4.75	Baseline Event	birdsellm
C10-C36	4.560.53	Baseline Event	birdsellm

Lab Sample ID: IC 280-76566/2

Client Sample ID:

Date Analyzed: 07/13/11 21:35

Lab File ID: 005B0501.D

GC Column: RTX-1 (30.32)

ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
C10-C22	3.74	Baseline Event	birdsellm
C10-C24	3.97	Baseline Event	birdsellm
Diesel Range Organics [C10-C25]	4.08	Baseline Event	birdsellm
Diesel Range Organics [C10-C28]	4.39	Baseline Event	birdsellm
C8-C34	4.55	Baseline Event	birdsellm
C10-C32	4.75	Baseline Event	birdsellm
C10-C36	5.09	Baseline Event	birdsellm
o-Terphenyl	5.46	Baseline Event	birdsellm
n-Octacosane	7.71	Baseline Event	birdsellm

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U

Analysis Batch Number: 76566

Lab Sample ID: IC 280-76566/3

Client Sample ID:

Date Analyzed: 07/13/11 22:03

Lab File ID: 006B0601.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	3.74	Baseline Event	birdsellm	07/14/11 08:54
C10-C24	3.97	Baseline Event	birdsellm	07/14/11 08:54
Diesel Range Organics [C10-C25]	4.08	Baseline Event	birdsellm	07/14/11 08:54
Diesel Range Organics [C10-C28]	4.39	Baseline Event	birdsellm	07/14/11 08:54
C8-C34	4.55	Baseline Event	birdsellm	07/14/11 08:54
C10-C32	4.75	Baseline Event	birdsellm	07/14/11 08:54
o-Terphenyl	5.45	Baseline Event	birdsellm	07/14/11 08:54
C10-C36	4,560.53	Baseline Event	birdsellm	07/14/11 08:54

Lab Sample ID: ICRT 280-76566/4

Client Sample ID:

Date Analyzed: 07/13/11 22:31

Lab File ID: 007B0701.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	3.74	Baseline Event	birdsellm	07/14/11 08:54
C10-C24	3.97	Baseline Event	birdsellm	07/14/11 08:54
Diesel Range Organics [C10-C25]	4.08	Baseline Event	birdsellm	07/14/11 08:54
Diesel Range Organics [C10-C28]	4.39	Baseline Event	birdsellm	07/14/11 08:54
C8-C34	4.55	Baseline Event	birdsellm	07/14/11 08:54
C10-C32	4.75	Baseline Event	birdsellm	07/14/11 08:54
o-Terphenyl	5.45	Baseline Event	birdsellm	07/14/11 08:54
C10-C36	4,560.53	Baseline Event	birdsellm	07/14/11 08:54

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U

Analysis Batch Number: 76566

Lab Sample ID: IC 280-76566/5

Client Sample ID:

Date Analyzed: 07/13/11 22:58

Lab File ID: 008B0801.D

GC Column: RTX-1 (30.32)

ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C10-C22	3.74	Baseline Event	birdsellm 07/14/11 08:54
C10-C24	3.97	Baseline Event	birdsellm 07/14/11 08:54
Diesel Range Organics [C10-C25]	4.08	Baseline Event	birdsellm 07/14/11 08:54
Diesel Range Organics [C10-C28]	4.39	Baseline Event	birdsellm 07/14/11 08:54
C8-C34	4.55	Baseline Event	birdsellm 07/14/11 08:54
C10-C32	4.75	Baseline Event	birdsellm 07/14/11 08:54
o-Terphenyl	5.44	Baseline Event	birdsellm 07/14/11 08:54
C10-C36	4,560.53	Baseline Event	birdsellm 07/14/11 08:54

Lab Sample ID: IC 280-76566/6

Client Sample ID:

Date Analyzed: 07/13/11 23:26

Lab File ID: 009B0901.D

GC Column: RTX-1 (30.32)

ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C10-C22	3.74	Baseline Event	birdsellm 07/14/11 08:54
C10-C24	3.97	Baseline Event	birdsellm 07/14/11 08:54
Diesel Range Organics [C10-C25]	4.08	Baseline Event	birdsellm 07/14/11 08:54
Diesel Range Organics [C10-C28]	4.39	Baseline Event	birdsellm 07/14/11 08:54
C8-C34	4.55	Baseline Event	birdsellm 07/14/11 08:54
C10-C32	4.75	Baseline Event	birdsellm 07/14/11 08:54
o-Terphenyl	5.44	Baseline Event	birdsellm 07/14/11 08:54
C10-C36	4,560.53	Baseline Event	birdsellm 07/14/11 08:54

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Instrument ID: GCS_U Analysis Batch Number: 76566

Lab Sample ID: IC 280-76566/7 Client Sample ID: _____

Date Analyzed: 07/13/11 23:54 Lab File ID: 010B1001.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C10-C22	3.74	Baseline Event	birdsellm 07/14/11 08:55
C10-C24	3.97	Baseline Event	birdsellm 07/14/11 08:55
Diesel Range Organics [C10-C25]	4.08	Baseline Event	birdsellm 07/14/11 08:55
Diesel Range Organics [C10-C28]	4.39	Baseline Event	birdsellm 07/14/11 08:55
C8-C34	4.55	Baseline Event	birdsellm 07/14/11 08:55
C10-C32	4.75	Baseline Event	birdsellm 07/14/11 08:55
o-Terphenyl	5.44	Baseline Event	birdsellm 07/14/11 08:55
C10-C36	4,560.53	Baseline Event	birdsellm 07/14/11 08:55

Lab Sample ID: ICV 280-76566/8 Client Sample ID: _____

Date Analyzed: 07/14/11 00:22 Lab File ID: 011B1101.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C10-C22	3.74	Baseline Event	birdsellm 07/14/11 09:03
C10-C24	3.97	Baseline Event	birdsellm 07/14/11 09:03
Diesel Range Organics [C10-C25]	4.08	Baseline Event	birdsellm 07/14/11 09:03
Diesel Range Organics [C10-C28]	4.39	Baseline Event	birdsellm 07/14/11 09:03
C8-C34	4.55	Baseline Event	birdsellm 07/14/11 09:03
C10-C32	4.75	Baseline Event	birdsellm 07/14/11 09:03
o-Terphenyl	5.44	Baseline Event	birdsellm 07/14/11 09:03
n-Octacosane	7.70	Baseline Event	birdsellm 07/14/11 09:03
C10-C36	4,560.53	Baseline Event	birdsellm 07/14/11 09:03

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U

Analysis Batch Number: 76566

Lab Sample ID: IC 280-76566/9

Client Sample ID:

Date Analyzed: 07/14/11 00:49

Lab File ID: 012B1201.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C22-C36	7.77	Baseline Event	birdsellm 07/14/11 09:52
Motor Oil Range Organics [C24-C36]	8.00	Baseline Event	birdsellm 07/14/11 09:52
Motor Oil Range Organics (C25-C36)	8.11	Baseline Event	birdsellm 07/14/11 09:52

Lab Sample ID: IC 280-76566/10 Client Sample ID:

Date Analyzed: 07/14/11 01:17

Lab File ID: 013B1301.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C22-C36	7.77	Baseline Event	birdsellm 07/14/11 09:52
Motor Oil Range Organics [C24-C36]	8.00	Baseline Event	birdsellm 07/14/11 09:52
Motor Oil Range Organics (C25-C36)	8.11	Baseline Event	birdsellm 07/14/11 09:52

Lab Sample ID: IC 280-76566/11 Client Sample ID:

Date Analyzed: 07/14/11 01:45

Lab File ID: 014B1401.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C22-C36	7.77	Baseline Event	birdsellm 07/14/11 09:52
Motor Oil Range Organics [C24-C36]	8.00	Baseline Event	birdsellm 07/14/11 09:52
Motor Oil Range Organics (C25-C36)	8.11	Baseline Event	birdsellm 07/14/11 09:52

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U

Analysis Batch Number: 76566

Lab Sample ID: ICRT 280-76566/17

Client Sample ID:

Date Analyzed: 07/14/11 02:12

Lab File ID: 015B1501.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
C22-C36	7.77	Baseline Event	birdsellm
Motor Oil Range Organics [C24-C36]	8.00	Baseline Event	birdsellm
Motor Oil Range Organics (C25-C36)	8.11	Baseline Event	birdsellm

Lab Sample ID: IC 280-76566/13 Client Sample ID:

Date Analyzed: 07/14/11 02:40

Lab File ID: 016B1601.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
C22-C36	7.77	Baseline Event	birdsellm
Motor Oil Range Organics [C24-C36]	8.00	Baseline Event	birdsellm
Motor Oil Range Organics (C25-C36)	8.11	Baseline Event	birdsellm

Lab Sample ID: IC 280-76566/14 Client Sample ID:

Date Analyzed: 07/14/11 03:08

Lab File ID: 017B1701.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
C22-C36	7.77	Baseline Event	birdsellm
Motor Oil Range Organics [C24-C36]	8.00	Baseline Event	birdsellm
Motor Oil Range Organics (C25-C36)	8.11	Baseline Event	birdsellm

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U

Analysis Batch Number: 76566

Lab Sample ID: IC 280-76566/15

Client Sample ID:

Date Analyzed: 07/14/11 03:35

Lab File ID: 018B1801.D

GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	7.77	Baseline Event	birdsellm	07/14/11 09:55
Motor Oil Range Organics [C24-C36]	8.00	Baseline Event	birdsellm	07/14/11 09:55
Motor Oil Range Organics (C25-C36)	8.11	Baseline Event	birdsellm	07/14/11 09:55

Lab Sample ID: ICV 280-76566/16

Client Sample ID:

Date Analyzed: 07/14/11 04:03

Lab File ID: 019B1901.D

GC Column: RTX-1 (30.32) ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C32	7.43	Baseline Event	birdsellm	07/14/11 09:56
C22-C36	7.77	Baseline Event	birdsellm	07/14/11 09:56
Motor Oil Range Organics [C24-C36]	8.00	Baseline Event	birdsellm	07/14/11 09:56
Over C24-C36	8.02	Baseline Event	birdsellm	07/14/11 09:56
Motor Oil Range Organics (C25-C36)	8.11	Baseline Event	birdsellm	07/14/11 09:56

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U

Analysis Batch Number: 80540

Lab Sample ID: CCVRT 280-80540/2

Client Sample ID:

Date Analyzed: 08/08/11 14:31

Lab File ID: 004B0401.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C10-C22	3.70	Baseline Event	pavlakoa 08/08/11 15:58
C10-C24	3.93	Baseline Event	pavlakoa 08/08/11 15:58
Diesel Range Organics [C10-C25]	4.03	Baseline Event	pavlakoa 08/08/11 15:58
Diesel Range Organics [C10-C28]	4.34	Baseline Event	pavlakoa 08/08/11 15:58
C10-C36	5.06	Baseline Event	pavlakoa 08/08/11 15:58
o-Terphenyl	5.40	Baseline Event	pavlakoa 08/08/11 15:58
n-Octacosane	7.65	Baseline Event	pavlakoa 08/08/11 15:58

Lab Sample ID: CCV 280-80540/3

Client Sample ID:

Date Analyzed: 08/08/11 14:59

Lab File ID: 005B0501.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C22-C32	7.41	Baseline Event	pavlakoa 08/08/11 15:59
C22-C36	7.73	Baseline Event	pavlakoa 08/08/11 15:59
Motor Oil Range Organics [C24-C36]	7.96	Baseline Event	pavlakoa 08/08/11 15:59
Over C24-C36	8.00	Baseline Event	pavlakoa 08/08/11 15:59
Motor Oil Range Organics (C25-C36)	8.06	Baseline Event	pavlakoa 08/08/11 15:59

Lab Sample ID: LCS 280-80003/2-A

Client Sample ID:

Date Analyzed: 08/08/11 17:47

Lab File ID: 011B1101.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
Diesel Range Organics [C10-C25]	4.03	Baseline Event	pavlakoa 08/09/11 08:31
o-Terphenyl	5.39	Baseline Event	pavlakoa 08/09/11 08:31
Motor Oil Range Organics (C25-C36)	8.06	Baseline Event	pavlakoa 08/09/11 08:31

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U

Analysis Batch Number: 80540

Lab Sample ID: 280-18743-5

Client Sample ID: SB06-20

Date Analyzed: 08/08/11 18:15

Lab File ID: 012B1201.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Terphenyl Motor Oil Range Organics (C25-C36)	5.39	Baseline Event	paviakoa	08/09/11 08:58
	8.06	Baseline Event	paviakoa	08/09/11 08:59

Lab Sample ID: 280-18805-B-6-B MS

Client Sample ID:

Date Analyzed: 08/08/11 19:11

Lab File ID: 014B1401.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Terphenyl Motor Oil Range Organics (C25-C36)	5.40	Baseline Event	paviakoa	08/09/11 09:00
	8.06	Baseline Event	paviakoa	08/09/11 09:00

Lab Sample ID: 280-18805-B-6-C MSD

Client Sample ID:

Date Analyzed: 08/08/11 19:39

Lab File ID: 015B1501.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
o-Terphenyl Motor Oil Range Organics (C25-C36)	5.41	Baseline Event	paviakoa	08/09/11 09:01
	8.06	Baseline Event	paviakoa	08/09/11 09:01

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U Analysis Batch Number: 80540

Lab Sample ID: CCV 280-80540/10

Client Sample ID:

Date Analyzed: 08/08/11 20:07

Lab File ID: 016B1601.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C10-C22	3.70	Baseline Event	pavlakoa 08/09/11 08:24
C10-C24	3.93	Baseline Event	pavlakoa 08/09/11 08:24
Diesel Range Organics [C10-C25]	4.03	Baseline Event	pavlakoa 08/09/11 08:24
Diesel Range Organics [C10-C28]	4.34	Baseline Event	pavlakoa 08/09/11 08:24
C10-C36	5.06	Baseline Event	pavlakoa 08/09/11 08:24
o-Terphenyl	5.40	Baseline Event	pavlakoa 08/09/11 08:24
n-Octacosane	7.64	Baseline Event	pavlakoa 08/09/11 08:24

Lab Sample ID: CCV 280-80540/11

Client Sample ID:

Date Analyzed: 08/08/11 20:34

Lab File ID: 017B1701.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C22-C32	7.41	Baseline Event	pavlakoa 08/09/11 08:25
C22-C36	7.73	Baseline Event	pavlakoa 08/09/11 08:25
Motor Oil Range Organics [C24-C36]	7.96	Baseline Event	pavlakoa 08/09/11 08:25
Over C24-C36	8.00	Baseline Event	pavlakoa 08/09/11 08:25
Motor Oil Range Organics (C25-C36)	8.06	Baseline Event	pavlakoa 08/09/11 08:25

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U2

Analysis Batch Number: 76261

Lab Sample ID: IC 280-76261/2

Client Sample ID:

Date Analyzed: 07/11/11 12:40

Lab File ID: 004F0401.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C10-C22	8.64	Baseline Event	pavlakoa 07/12/11 08:00
C10-C24	9.17	Baseline Event	pavlakoa 07/12/11 08:00
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa 07/12/11 08:00
C8-C34	9.74	Baseline Event	pavlakoa 07/12/11 08:00
Diesel Range Organics [C10-C28]	10.13	Baseline Event	pavlakoa 07/12/11 08:00
C10-C32	10.88	Baseline Event	pavlakoa 07/12/11 08:00
C10-C36	11.36	Baseline Event	pavlakoa 07/12/11 08:00

Lab Sample ID: IC 280-76261/3

Client Sample ID:

Date Analyzed: 07/11/11 13:13

Lab File ID: 005F0501.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C10-C22	8.64	Baseline Event	pavlakoa 07/12/11 08:01
C10-C24	9.17	Baseline Event	pavlakoa 07/12/11 08:01
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa 07/12/11 08:01
C8-C34	9.74	Baseline Event	pavlakoa 07/12/11 08:01
Diesel Range Organics [C10-C28]	10.13	Baseline Event	pavlakoa 07/12/11 08:01
C10-C32	10.88	Baseline Event	pavlakoa 07/12/11 08:01
o-Terphenyl	11.14	Baseline Event	pavlakoa 07/12/11 08:01
C10-C36	11.36	Baseline Event	pavlakoa 07/12/11 08:01
n-Octacosane	16.34	Baseline Event	pavlakoa 07/12/11 08:01

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U2

Analysis Batch Number: 76261

Lab Sample ID: IC 280-76261/4

Client Sample ID:

Date Analyzed: 07/11/11 13:46

Lab File ID: 006F0601.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
C10-C22	8.64	Baseline Event	pavlakoa
C10-C24	9.17	Baseline Event	pavlakoa
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa
C8-C34	9.74	Baseline Event	pavlakoa
Diesel Range Organics [C10-C28]	10.13	Baseline Event	pavlakoa
C10-C32	10.88	Baseline Event	pavlakoa
o-Terphenyl	11.12	Baseline Event	pavlakoa
C10-C36	11.36	Baseline Event	pavlakoa
n-Octacosane	16.34	Baseline Event	pavlakoa

Lab Sample ID: ICRT 280-76261/5

Client Sample ID:

Date Analyzed: 07/11/11 14:20

Lab File ID: 007F0701.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
C10-C22	8.64	Baseline Event	pavlakoa
C10-C24	9.17	Baseline Event	pavlakoa
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa
C8-C34	9.74	Baseline Event	pavlakoa
Diesel Range Organics [C10-C28]	10.13	Baseline Event	pavlakoa
C10-C32	10.88	Baseline Event	pavlakoa
o-Terphenyl	11.12	Baseline Event	pavlakoa
C10-C36	11.36	Baseline Event	pavlakoa
n-Octacosane	16.34	Baseline Event	pavlakoa

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U2

Analysis Batch Number: 76261

Lab Sample ID: IC 280-76261/6

Client Sample ID:

Date Analyzed: 07/11/11 14:53

Lab File ID: 008F0801.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C10-C22	8.64	Baseline Event	pavlakoa 07/12/11 08:04
C10-C24	9.17	Baseline Event	pavlakoa 07/12/11 08:04
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa 07/12/11 08:04
C8-C34	9.74	Baseline Event	pavlakoa 07/12/11 08:04
Diesel Range Organics [C10-C28]	10.13	Baseline Event	pavlakoa 07/12/11 08:04
C10-C32	10.88	Baseline Event	pavlakoa 07/12/11 08:04
o-Terphenyl	11.12	Baseline Event	pavlakoa 07/12/11 08:04
C10-C36	11.36	Baseline Event	pavlakoa 07/12/11 08:04
n-Octacosane	16.34	Baseline Event	pavlakoa 07/12/11 08:04

Lab Sample ID: IC 280-76261/7

Client Sample ID:

Date Analyzed: 07/11/11 15:27

Lab File ID: 009F0901.D

GC Column: RTX-1 (30.32)

ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C10-C22	8.64	Baseline Event	pavlakoa 07/12/11 08:05
C10-C24	9.17	Baseline Event	pavlakoa 07/12/11 08:05
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa 07/12/11 08:05
C8-C34	9.74	Baseline Event	pavlakoa 07/12/11 08:05
Diesel Range Organics [C10-C28]	10.13	Baseline Event	pavlakoa 07/12/11 08:05
C10-C32	10.88	Baseline Event	pavlakoa 07/12/11 08:05
o-Terphenyl	11.13	Baseline Event	pavlakoa 07/12/11 08:05
C10-C36	11.36	Baseline Event	pavlakoa 07/12/11 08:05

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS U2

Analysis Batch Number: 76261

Lab Sample ID: IC 280-76261/8

Client Sample ID:

Date Analyzed: 07/11/11 16:00

Lab File ID: 010F1001.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	8.64	Baseline Event	pavlakoa	07/12/11 15:37
C10-C24	9.17	Baseline Event	pavlakoa	07/12/11 15:37
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa	07/12/11 15:37
C8-C34	9.74	Baseline Event	pavlakoa	07/12/11 15:37
Diesel Range Organics [C10-C28]	10.13	Baseline Event	pavlakoa	07/12/11 15:37
C10-C32	10.88	Baseline Event	pavlakoa	07/12/11 15:37
o-Terphenyl	11.15	Baseline Event	pavlakoa	07/12/11 15:37
C10-C36	11.36	Baseline Event	pavlakoa	07/12/11 15:37

Lab Sample ID: ICV 280-76261/9

Client Sample ID:

Date Analyzed: 07/11/11 16:33

Lab File ID: 011F1101.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	8.64	Baseline Event	pavlakoa	07/12/11 15:38
C10-C24	9.17	Baseline Event	pavlakoa	07/12/11 15:38
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa	07/12/11 15:38
C8-C34	9.74	Baseline Event	pavlakoa	07/12/11 15:38
Diesel Range Organics [C10-C28]	10.13	Baseline Event	pavlakoa	07/12/11 15:38
C10-C32	10.88	Baseline Event	pavlakoa	07/12/11 15:38
o-Terphenyl	11.12	Baseline Event	pavlakoa	07/12/11 15:38
C10-C36	11.36	Baseline Event	pavlakoa	07/12/11 15:38

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U2 Analysis Batch Number: 76261

Lab Sample ID: IC 280-76261/10 Client Sample ID:

Date Analyzed: 07/11/11 17:06 Lab File ID: 012FI201.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C22-C36	16.09	Baseline Event	pavlakoa 07/12/11 09:33
Motor Oil Range Organics [C24-C36]	16.63	Baseline Event	pavlakoa 07/12/11 09:33
Motor Oil Range Organics (C25-C36)	16.87	Baseline Event	pavlakoa 07/12/11 09:33

Lab Sample ID: IC 280-76261/11 Client Sample ID:

Date Analyzed: 07/11/11 17:40 Lab File ID: 013FI301.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C22-C36	16.09	Baseline Event	pavlakoa 07/12/11 09:33
Motor Oil Range Organics [C24-C36]	16.63	Baseline Event	pavlakoa 07/12/11 09:33
Motor Oil Range Organics (C25-C36)	16.87	Baseline Event	pavlakoa 07/12/11 09:33

Lab Sample ID: IC 280-76261/12 Client Sample ID:

Date Analyzed: 07/11/11 18:13 Lab File ID: 014FI401.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
C22-C36	16.09	Baseline Event	pavlakoa 07/12/11 09:34
Motor Oil Range Organics [C24-C36]	16.63	Baseline Event	pavlakoa 07/12/11 09:34
Motor Oil Range Organics (C25-C36)	16.87	Baseline Event	pavlakoa 07/12/11 09:34

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Instrument ID: GCS U2 Analysis Batch Number: 76261

Lab Sample ID: IC 280-76261/13 Client Sample ID: _____

Date Analyzed: 07/11/11 18:46 Lab File ID: 015F1501.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	16.09	Baseline Event	pavlakoa	07/12/11 09:34
Motor Oil Range Organics [C24-C36]	16.63	Baseline Event	pavlakoa	07/12/11 09:34
Motor Oil Range Organics (C25-C36)	16.87	Baseline Event	pavlakoa	07/12/11 09:34

Lab Sample ID: IC 280-76261/14 Client Sample ID: _____

Date Analyzed: 07/11/11 19:20 Lab File ID: 016F1601.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	16.09	Baseline Event	pavlakoa	07/12/11 09:35
Motor Oil Range Organics [C24-C36]	16.63	Baseline Event	pavlakoa	07/12/11 09:35
Motor Oil Range Organics (C25-C36)	16.87	Baseline Event	pavlakoa	07/12/11 09:35

Lab Sample ID: ICV 280-76261/17 Client Sample ID: _____

Date Analyzed: 07/11/11 21:00 Lab File ID: 019F1901.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C32	15.61	Baseline Event	pavlakoa	07/12/11 14:39
C22-C36	16.09	Baseline Event	pavlakoa	07/12/11 14:39
Motor Oil Range Organics [C24-C36]	16.63	Baseline Event	pavlakoa	07/12/11 14:39
Over C24-C36	16.65	Baseline Event	pavlakoa	07/12/11 14:39
Motor Oil Range Organics (C25-C36)	16.87	Baseline Event	pavlakoa	07/12/11 14:39

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U2 Analysis Batch Number: 80462

Lab Sample ID: CCVRT 280-80462/2 Client Sample ID:

Date Analyzed: 08/05/11 11:54 Lab File ID: 004F0401.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	8.63	Baseline Event	pavlakoa	08/09/11 10:24
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa	08/09/11 10:24
Diesel Range Organics [C10-C28]	10.12	Baseline Event	pavlakoa	08/09/11 10:24
o-Terphenyl	11.12	Baseline Event	pavlakoa	08/09/11 10:24
C10-C36	11.35	Baseline Event	pavlakoa	08/09/11 10:24
n-Octacosane	16.34	Baseline Event	pavlakoa	08/09/11 10:24

Lab Sample ID: CCV 280-80462/13 Client Sample ID:

Date Analyzed: 08/05/11 18:05 Lab File ID: 015F1501.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	8.63	Baseline Event	pavlakoa	08/09/11 10:28
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa	08/09/11 10:28
Diesel Range Organics [C10-C28]	10.12	Baseline Event	pavlakoa	08/09/11 10:28
o-Terphenyl	11.13	Baseline Event	pavlakoa	08/09/11 10:28
C10-C36	11.35	Baseline Event	pavlakoa	08/09/11 10:28
n-Octacosane	16.34	Baseline Event	pavlakoa	08/09/11 10:28

Lab Sample ID: CCV 280-80462/14 Client Sample ID:

Date Analyzed: 08/05/11 18:38 Lab File ID: 016F1601.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	16.09	Baseline Event	pavlakoa	08/09/11 10:28
Motor Oil Range Organics [C24-C36]	16.63	Baseline Event	pavlakoa	08/09/11 10:28
Over C24-C36	16.65	Baseline Event	pavlakoa	08/09/11 10:28
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa	08/09/11 10:28

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS U2

Analysis Batch Number: 80462

Lab Sample ID: MB 280-79775/1-A

Client Sample ID:

Date Analyzed: 08/05/11 19:12

Lab File ID: 017F1701.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa

Lab Sample ID: LCS 280-79775/2-A

Client Sample ID:

Date Analyzed: 08/05/11 19:45

Lab File ID: 018F1801.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa
o-Terphenyl	11.12	Baseline Event	pavlakoa
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa

Lab Sample ID: 280-18743-1

Client Sample ID: SB04-15

Date Analyzed: 08/05/11 20:19

Lab File ID: 019F1901.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
o-Terphenyl	11.12	Baseline Event	pavlakoa
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa

Lab Sample ID: 280-18743-2

Client Sample ID: SB04-25

Date Analyzed: 08/05/11 20:52

Lab File ID: 020F2001.D

GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
o-Terphenyl	11.12	Baseline Event	pavlakoa
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.:

Instrument ID: GCS_U2 Analysis Batch Number: 80462
Lab Sample ID: 280-18743-3 Client Sample ID: SB05-10
Date Analyzed: 08/05/11 21:25 Lab File ID: 021F2101.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa 08/09/11 10:48

Lab Sample ID: 280-18743-4 Client Sample ID: SB06-10
Date Analyzed: 08/05/11 21:58 Lab File ID: 022F2201.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
o-Terphenyl	11.12	Baseline Event	pavlakoa 08/09/11 10:49
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa 08/09/11 10:49

Lab Sample ID: 280-18743-4 MS Client Sample ID: SB06-10 MS
Date Analyzed: 08/05/11 22:31 Lab File ID: 023F2301.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
o-Terphenyl	11.12	Baseline Event	pavlakoa 08/09/11 10:50
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa 08/09/11 10:50

Lab Sample ID: 280-18743-4 MSD Client Sample ID: SB06-10 MSD
Date Analyzed: 08/05/11 23:03 Lab File ID: 024F2401.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
o-Terphenyl	11.12	Baseline Event	pavlakoa 08/09/11 10:51
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa 08/09/11 10:51

8015B

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Instrument ID: GCS_U2 Analysis Batch Number: 80462

Lab Sample ID: 280-18743-6 Client Sample ID: SB07-10

Date Analyzed: 08/05/11 23:36 Lab File ID: 025F2501.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa	08/09/11 10:51

Lab Sample ID: CCV 280-80462/24 Client Sample ID: _____

Date Analyzed: 08/06/11 00:08 Lab File ID: 026F2601.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C10-C22	8.63	Baseline Event	pavlakoa	08/09/11 10:29
Diesel Range Organics [C10-C25]	9.41	Baseline Event	pavlakoa	08/09/11 10:29
Diesel Range Organics [C10-C28]	10.12	Baseline Event	pavlakoa	08/09/11 10:29
o-Terphenyl	11.12	Baseline Event	pavlakoa	08/09/11 10:29
C10-C36	11.35	Baseline Event	pavlakoa	08/09/11 10:29
n-Octacosane	16.34	Baseline Event	pavlakoa	08/09/11 10:29

Lab Sample ID: CCV 280-80462/25 Client Sample ID: _____

Date Analyzed: 08/06/11 00:41 Lab File ID: 027F2701.D GC Column: RTX-1 (30.32) ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C22-C36	16.09	Baseline Event	pavlakoa	08/09/11 10:30
Motor Oil Range Organics [C24-C36]	16.63	Baseline Event	pavlakoa	08/09/11 10:30
Over C24-C36	16.65	Baseline Event	pavlakoa	08/09/11 10:30
Motor Oil Range Organics (C25-C36)	16.88	Baseline Event	pavlakoa	08/09/11 10:30

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.:

Instrument ID: MSV_J

Analysis Batch Number: 79630

Lab Sample ID: IC 280-79630/4

Client Sample ID:

Date Analyzed: 08/02/11 09:36

Lab File ID: J8144.D

GC Column: DB-624

ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	4.02	Analyte not Identified by the Data System	reinhardt j	08/02/11 12:15

Lab Sample ID: IC 280-79630/8

Client Sample ID:

Date Analyzed: 08/02/11 11:06

Lab File ID: J8148.D

GC Column: DB-624

ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,2-Dichloro-1,1,1-trifluoroethane	3.71	Analyte not Identified by the Data System	reinhardt j	08/02/11 12:16

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Instrument ID: MSS_B Analysis Batch Number: 79173
 Lab Sample ID: STD200 280-79173/9 IC Client Sample ID: _____
 Date Analyzed: 07/28/11 18:15 Lab File ID: 36084.D GC Column: VF-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST
Benzoic acid	5.95	Split Peak	kiekeld
			07/29/11 15:54

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GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.:
Instrument ID: MSS_B Analysis Batch Number: 79190
Lab Sample ID: ICIS 280-79190/2 Client Sample ID:
Date Analyzed: 07/29/11 08:56 Lab File ID: B6090.D GC Column: VF-5MS ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a-Dimethylphenethylamine	6.02	Split Peak	kiekeld	08/01/11 08:12

Lab Sample ID: STD120 280-79190/6 IC Client Sample ID:
Date Analyzed: 07/29/11 10:18 Lab File ID: B6094.D GC Column: VF-5MS ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a-Dimethylphenethylamine	6.02	Split Peak	kiekeld	08/01/11 08:16

Lab Sample ID: STD160 280-79190/7 IC Client Sample ID:
Date Analyzed: 07/29/11 10:39 Lab File ID: B6095.D GC Column: VF-5MS ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a-Dimethylphenethylamine	6.02	Split Peak	kiekeld	08/01/11 08:17

Lab Sample ID: STD200 280-79190/8 IC Client Sample ID:
Date Analyzed: 07/29/11 10:59 Lab File ID: B6096.D GC Column: VF-5MS ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
a,a-Dimethylphenethylamine	6.02	Split Peak	kiekeld	08/01/11 08:18

08/15/11

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.:
 Instrument ID: MSS_B Analysis Batch Number: 80602
 Lab Sample ID: CCV 280-80602/3 Client Sample ID:
 Date Analyzed: 08/09/11 12:28 Lab File ID: B6265.D GC Column: VF-5MS ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION	
		REASON	ANALYST DATE
a,a-Dimethylphenethylamine	6.01 Split Peak	kiekeld	08/09/11 13:31

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8270C

SAMPLE SUMMARY

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-18743-1	SB04-15	Solid	08/02/2011 0900	08/02/2011 1805
280-18743-2	SB04-25	Solid	08/02/2011 0920	08/02/2011 1805
280-18743-3	SB05-10	Solid	08/02/2011 0950	08/02/2011 1805
280-18743-4	SB06-10	Solid	08/02/2011 1008	08/02/2011 1805
280-18743-5	SB06-20	Solid	08/02/2011 1030	08/02/2011 1805
280-18743-6	SB07-10	Solid	08/02/2011 1110	08/02/2011 1805

EXECUTIVE SUMMARY - Detections

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-18743-1	SB04-15					
1,2,4-Trimethylbenzene		900		280	ug/Kg	8260B
Gasoline Range Organics (GRO)-C6-C10		88		2.7	mg/Kg	8015B
Motor Oil Range Organics (C25-C36)		43		13	mg/Kg	8015B
Diesel Range Organics [C10-C25]		66		4.4	mg/Kg	8015B
Arsenic		1.8		1.8	mg/Kg	6010B
Barium		94		0.90	mg/Kg	6010B
Chromium		7.9		1.4	mg/Kg	6010B
Lead		5.3		0.72	mg/Kg	6010B
Mercury		25		16	ug/Kg	7471A
Percent Moisture		11		0.10	%	Moisture
280-18743-2	SB04-25					
Gasoline Range Organics (GRO)-C6-C10		1.4		1.4	mg/Kg	8015B
Diesel Range Organics [C10-C25]		6.3		4.8	mg/Kg	8015B
Arsenic		3.1		1.8	mg/Kg	6010B
Barium		40		0.88	mg/Kg	6010B
Chromium		9.0		1.3	mg/Kg	6010B
Lead		9.1		0.71	mg/Kg	6010B
Mercury		40		15	ug/Kg	7471A
Percent Moisture		18		0.10	%	Moisture
280-18743-3	SB05-10					
Arsenic		3.0		1.8	mg/Kg	6010B
Barium		60		0.91	mg/Kg	6010B
Chromium		7.1		1.4	mg/Kg	6010B
Lead		4.6		0.73	mg/Kg	6010B
Percent Moisture		7.2		0.10	%	Moisture
280-18743-4	SB06-10					
1,2,4-Trimethylbenzene		310		270	ug/Kg	8260B
Gasoline Range Organics (GRO)-C6-C10		160		6.4	mg/Kg	8015B
Motor Oil Range Organics (C25-C36)		220		12	mg/Kg	8015B
Diesel Range Organics [C10-C25]		79		4.2	mg/Kg	8015B
Arsenic		2.5		1.7	mg/Kg	6010B
Barium		50		0.86	mg/Kg	6010B
Chromium		6.7		1.3	mg/Kg	6010B
Lead		3.5		0.69	mg/Kg	6010B
Percent Moisture		7.6		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-18743-5	SB06-20					
Arsenic		1.8		1.7	mg/Kg	6010B
Barium		130		0.87	mg/Kg	6010B
Chromium		12		1.3	mg/Kg	6010B
Lead		11		0.70	mg/Kg	6010B
Percent Moisture		19		0.10	%	Moisture
280-18743-6	SB07-10					
Arsenic		2.5		1.7	mg/Kg	6010B
Barium		110		0.86	mg/Kg	6010B
Chromium		4.6		1.3	mg/Kg	6010B
Lead		5.8		0.69	mg/Kg	6010B
Percent Moisture		7.6		0.10	%	Moisture

METHOD SUMMARY

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS) Purge and Trap	TAL DEN	SW846 8260B	SW846 5030B
Semivolatile Organic Compounds (GC/MS) Ultrasonic Extraction	TAL DEN	SW846 8270C	SW846 3550C
Gasoline Range Organics - (GC) Purge and Trap	TAL DEN	SW846 8015B	SW846 5030B
Diesel Range Organics (DRO) (GC) Microwave Extraction	TAL DEN	SW846 8015B	SW846 3546
Metals (ICP) Preparation, Metals	TAL DEN	SW846 6010B	SW846 3050B
Mercury (CVAA) Preparation, Mercury	TAL DEN	SW846 7471A	SW846 7471A
Percent Moisture	TAL DEN	EPA Moisture	

Lab References:

TAL DEN = TestAmerica Denver

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Method	Analyst	Analyst ID
SW846 8260B	Reinhardt, Jason	JR
SW846 8260B	Zhou, Huaqing	HZ
SW846 8270C	Kiekel, Daniel C	DCK
SW846 8015B	Byl, Amelia M	AMB
SW846 8015B	Pavlakovich, Adam M	AMP
SW846 6010B	Bowen, Heidi E	HEB
SW846 7471A	Niman, Katie M	KMN
EPA Moisture	Allen, Andrew J	AJA

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Client Matrix: Solid

% Moisture: 11.4

Date Sampled: 08/02/2011 0900

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 280-80860

Instrument ID: MSV_P

Prep Method: 5030B

Prep Batch: 280-80514

Lab File ID: P0908.D

Dilution: 1.0

Initial Weight/Volume: 5.017 g

Analysis Date: 08/10/2011 1421

Final Weight/Volume: 1000 mL

Prep Date: 08/09/2011 1357

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
cis-1,2-Dichloroethene		ND		140
cis-1,3-Dichloropropene		ND		280
m-Xylene & p-Xylene		ND		280
N-Propylbenzene		ND		280
n-Butylbenzene		ND		280
o-Xylene		ND		140
sec-Butylbenzene		ND		280
tert-Butylbenzene		ND		280
trans-1,2-Dichloroethene		ND		140
trans-1,3-Dichloropropene		ND		280
Acetone		ND		1100
Benzene		ND		280
Bromobenzene		ND		280
Chlorobromomethane		ND		280
Dichlorobromomethane		ND		280
Bromoform		ND		280
Bromomethane		ND		560
Carbon tetrachloride		ND		280
Chlorobenzene		ND		280
Chlorodibromomethane		ND		280
Chloroethane		ND		560
Chloroform		ND		280
Chloromethane		ND		560
Dibromomethane		ND		280
Dichlorodifluoromethane		ND		560
Ethylbenzene		ND		280
Hexachlorobutadiene		ND		280
Isopropylbenzene		ND		280
Methyl tert-butyl ether		ND		280
Methylene Chloride		ND		280
Naphthalene		ND		560
Styrene		ND		280
Tetrachloroethene		ND		280
Toluene		ND		280
Trichloroethene		ND		280
Trichlorofluoromethane		ND		560
Vinyl chloride		ND		560
Xylenes, Total		ND		280
1,1-Dichloroethane		ND		280
1,1-Dichloroethene		ND		280
1,1-Dichloropropene		ND		280
1,1,1-Trichloroethane		ND		280
1,1,1,2-Tetrachloroethane		ND		280
1,1,2-Trichloroethane		ND		280
1,1,2,2-Tetrachloroethane		ND		280
1,2-Dibromo-3-Chloropropane		ND		560

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Client Matrix: Solid

% Moisture: 11.4

Date Sampled: 08/02/2011 0900

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 280-80860

Instrument ID: MSV_P

Prep Method: 5030B

Prep Batch: 280-80514

Lab File ID: P0908.D

Dilution: 1.0

Initial Weight/Volume: 5.017 g

Analysis Date: 08/10/2011 1421

Final Weight/Volume: 1000 mL

Prep Date: 08/09/2011 1357

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,2-Dibromoethane		ND		280
1,2-Dichlorobenzene		ND		280
1,2-Dichloroethane		ND		280
1,2-Dichloroethene, Total		ND		280
1,2-Dichloropropane		ND		280
1,2,3-Trichlorobenzene		ND		280
1,2,3-Trichloropropane		ND		280
1,2,4-Trichlorobenzene		ND		280
1,2,4-Trimethylbenzene		900		280
1,3-Dichlorobenzene		ND		280
1,3-Dichloropropane		ND		280
1,3,5-Trimethylbenzene		ND		280
1,4-Dichlorobenzene		ND		280
2-Butanone (MEK)		ND		1100
2-Chlorotoluene		ND		280
2-Hexanone		ND		1100
2,2-Dichloropropane		ND		280
4-Chlorotoluene		ND		280
4-Isopropyltoluene		ND		280
4-Methyl-2-pentanone (MIBK)		ND		1100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		50 - 139
Toluene-d8 (Surr)	76		68 - 143
4-Bromofluorobenzene (Surr)	76		62 - 133
Dibromofluoromethane (Surr)	79		60 - 133

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-25

Lab Sample ID: 280-18743-2

Date Sampled: 08/02/2011 0920

Client Matrix: Solid

% Moisture: 17.6

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 280-80245

Instrument ID: MSV_J

Prep Method: 5030B

Prep Batch: 280-80102

Lab File ID: J8285.D

Dilution: 1.0

Initial Weight/Volume: 5.119 g

Analysis Date: 08/05/2011 2105

Final Weight/Volume: 5 mL

Prep Date: 08/05/2011 1800

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
cis-1,2-Dichloroethene		ND		3.0
cis-1,3-Dichloropropene		ND		5.9
m-Xylene & p-Xylene		ND		3.0
N-Propylbenzene		ND		5.9
n-Butylbenzene		ND		5.9
o-Xylene		ND		3.0
sec-Butylbenzene		ND		5.9
tert-Butylbenzene		ND		5.9
trans-1,2-Dichloroethene		ND		3.0
trans-1,3-Dichloropropene		ND		5.9
Acetone		ND		24
Benzene		ND		5.9
Bromobenzene		ND		5.9
Chlorobromomethane		ND		5.9
Dichlorobromomethane		ND		5.9
Bromoform		ND		5.9
Bromomethane		ND		12
Carbon tetrachloride		ND		5.9
Chlorobenzene		ND		5.9
Chlorodibromomethane		ND		5.9
Chloroethane		ND		12
Chloroform		ND		12
Chloromethane		ND		12
Dibromomethane		ND		5.9
Dichlorodifluoromethane		ND		12
Ethylbenzene		ND		5.9
Hexachlorobutadiene		ND		5.9
Isopropylbenzene		ND		5.9
Methyl tert-butyl ether		ND		24
Methylene Chloride		ND		5.9
Naphthalene		ND		5.9
Styrene		ND		5.9
Tetrachloroethene		ND		5.9
Toluene		ND		5.9
Trichloroethene		ND		5.9
Trichlorofluoromethane		ND		12
Vinyl chloride		ND		5.9
Xylenes, Total		ND		5.9
1,1-Dichloroethane		ND		5.9
1,1-Dichloroethene		ND		5.9
1,1-Dichloropropene		ND		5.9
1,1,1-Trichloroethane		ND		5.9
1,1,1,2-Tetrachloroethane		ND		5.9
1,1,2-Trichloroethane		ND		5.9
1,1,2,2-Tetrachloroethane		ND		5.9
1,2-Dibromo-3-Chloropropane		ND		12

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-25

Lab Sample ID: 280-18743-2

Date Sampled: 08/02/2011 0920

Client Matrix: Solid

% Moisture: 17.6

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 280-80245

Instrument ID: MSV_J

Prep Method: 5030B

Prep Batch: 280-80102

Lab File ID: J8285.D

Dilution: 1.0

Initial Weight/Volume: 5.119 g

Analysis Date: 08/05/2011 2105

Final Weight/Volume: 5 mL

Prep Date: 08/05/2011 1800

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,2-Dibromoethane		ND		5.9
1,2-Dichlorobenzene		ND		5.9
1,2-Dichloroethane		ND		5.9
1,2-Dichloroethene, Total		ND		5.9
1,2-Dichloropropane		ND		5.9
1,2,3-Trichlorobenzene		ND		5.9
1,2,3-Trichloropropane		ND		5.9
1,2,4-Trichlorobenzene		ND		5.9
1,2,4-Trimethylbenzene		ND		5.9
1,3-Dichlorobenzene		ND		5.9
1,3-Dichloropropane		ND		5.9
1,3,5-Trimethylbenzene		ND		5.9
1,4-Dichlorobenzene		ND		5.9
2-Butanone (MEK)		ND		24
2-Chlorotoluene		ND		5.9
2-Hexanone		ND		24
2,2-Dichloropropane		ND		5.9
4-Chlorotoluene		ND		5.9
4-Isopropyltoluene		ND		5.9
4-Methyl-2-pentanone (MIBK)		ND		24

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		58 - 140
Toluene-d8 (Surr)	103		80 - 126
4-Bromofluorobenzene (Surr)	96		76 - 127
Dibromofluoromethane (Surr)	99		75 - 121

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Client Matrix: Solid

% Moisture: 7.2

Date Sampled: 08/02/2011 0950

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 280-80245

Instrument ID: MSV_J

Prep Method: 5030B

Prep Batch: 280-80102

Lab File ID: J8286.D

Dilution: 1.0

Initial Weight/Volume: 5.478 g

Analysis Date: 08/05/2011 2127

Final Weight/Volume: 5 mL

Prep Date: 08/05/2011 1800

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
cis-1,2-Dichloroethene		ND		2.5
cis-1,3-Dichloropropene		ND		4.9
m-Xylene & p-Xylene		ND		2.5
N-Propylbenzene		ND		4.9
n-Butylbenzene		ND		4.9
o-Xylene		ND		2.5
sec-Butylbenzene		ND		4.9
tert-Butylbenzene		ND		4.9
trans-1,2-Dichloroethene		ND		2.5
trans-1,3-Dichloropropene		ND		4.9
Acetone		ND		20
Benzene		ND		4.9
Bromobenzene		ND		4.9
Chlorobromomethane		ND		4.9
Dichlorobromomethane		ND		4.9
Bromoform		ND		4.9
Bromomethane		ND		9.8
Carbon tetrachloride		ND		4.9
Chlorobenzene		ND		4.9
Chlorodibromomethane		ND		4.9
Chloroethane		ND		9.8
Chloroform		ND		9.8
Chloromethane		ND		9.8
Dibromomethane		ND		4.9
Dichlorodifluoromethane		ND		9.8
Ethylbenzene		ND		4.9
Hexachlorobutadiene		ND		4.9
Isopropylbenzene		ND		4.9
Methyl tert-butyl ether		ND		20
Methylene Chloride		ND		4.9
Naphthalene		ND		4.9
Styrene		ND		4.9
Tetrachloroethene		ND		4.9
Toluene		ND		4.9
Trichloroethene		ND		4.9
Trichlorofluoromethane		ND		9.8
Vinyl chloride		ND		4.9
Xylenes, Total		ND		4.9
1,1-Dichloroethane		ND		4.9
1,1-Dichloroethene		ND		4.9
1,1-Dichloropropene		ND		4.9
1,1,1-Trichloroethane		ND		4.9
1,1,1,2-Tetrachloroethane		ND		4.9
1,1,2-Trichloroethane		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
1,2-Dibromo-3-Chloropropane		ND		9.8

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Date Sampled: 08/02/2011 0950

Client Matrix: Solid

% Moisture: 7.2

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-80245	Instrument ID:	MSV_J
Prep Method:	5030B	Prep Batch:	280-80102	Lab File ID:	J8286.D
Dilution:	1.0			Initial Weight/Volume:	5.478 g
Analysis Date:	08/05/2011 2127			Final Weight/Volume:	5 mL
Prep Date:	08/05/2011 1800				

Analyte	DryVM Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,2-Dibromoethane		ND		4.9
1,2-Dichlorobenzene		ND		4.9
1,2-Dichloroethane		ND		4.9
1,2-Dichloroethene, Total		ND		4.9
1,2-Dichloropropane		ND		4.9
1,2,3-Trichlorobenzene		ND		4.9
1,2,3-Trichloropropane		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9
1,2,4-Trimethylbenzene		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,3-Dichloropropane		ND		4.9
1,3,5-Trimethylbenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
2-Butanone (MEK)		ND		20
2-Chlorotoluene		ND		4.9
2-Hexanone		ND		20
2,2-Dichloropropane		ND		4.9
4-Chlorotoluene		ND		4.9
4-Isopropyltoluene		ND		4.9
4-Methyl-2-pentanone (MIBK)		ND		20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		58 - 140
Toluene-d8 (Surr)	95		80 - 126
4-Bromofluorobenzene (Surr)	89		76 - 127
Dibromofluoromethane (Surr)	90		75 - 121

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-10

Lab Sample ID: 280-18743-4

Date Sampled: 08/02/2011 1008

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 280-80860

Instrument ID: MSV_P

Prep Method: 5030B

Prep Batch: 280-80514

Lab File ID: P0909.D

Dilution: 1.0

Initial Weight/Volume: 5.023 g

Analysis Date: 08/10/2011 1442

Final Weight/Volume: 1000 mL

Prep Date: 08/09/2011 1357

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
cis-1,2-Dichloroethene		ND		130
cis-1,3-Dichloropropene		ND		270
m-Xylene & p-Xylene		ND		270
N-Propylbenzene		ND		270
n-Butylbenzene		ND		270
o-Xylene		ND		130
sec-Butylbenzene		ND		270
tert-Butylbenzene		ND		270
trans-1,2-Dichloroethene		ND		130
trans-1,3-Dichloropropene		ND		270
Acetone		ND		1100
Benzene		ND		270
Bromobenzene		ND		270
Chlorobromomethane		ND		270
Dichlorobromomethane		ND		270
Bromoform		ND		270
Bromomethane		ND		540
Carbon tetrachloride		ND		270
Chlorobenzene		ND		270
Chlorodibromomethane		ND		270
Chloroethane		ND		540
Chloroform		ND		270
Chloromethane		ND		540
Dibromomethane		ND		270
Dichlorodifluoromethane		ND		540
Ethylbenzene		ND		270
Hexachlorobutadiene		ND		270
Isopropylbenzene		ND		270
Methyl tert-butyl ether		ND		270
Methylene Chloride		ND		270
Naphthalene		ND		540
Styrene		ND		270
Tetrachloroethene		ND		270
Toluene		ND		270
Trichloroethene		ND		270
Trichlorofluoromethane		ND		540
Vinyl chloride		ND		540
Xylenes, Total		ND		270
1,1-Dichloroethane		ND		270
1,1-Dichloroethene		ND		270
1,1-Dichloropropene		ND		270
1,1,1-Trichloroethane		ND		270
1,1,1,2-Tetrachloroethane		ND		270
1,1,2-Trichloroethane		ND		270
1,1,2,2-Tetrachloroethane		ND		270
1,2-Dibromo-3-Chloropropane		ND		540

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-10

Lab Sample ID: 280-18743-4

Date Sampled: 08/02/2011 1008

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 280-80860

Instrument ID: MSV_P

Prep Method: 5030B

Prep Batch: 280-80514

Lab File ID: P0909.D

Dilution: 1.0

Initial Weight/Volume: 5.023 g

Analysis Date: 08/10/2011 1442

Final Weight/Volume: 1000 mL

Prep Date: 08/09/2011 1357

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,2-Dibromoethane		ND		270
1,2-Dichlorobenzene		ND		270
1,2-Dichloroethane		ND		270
1,2-Dichloroethene, Total		ND		270
1,2-Dichloropropane		ND		270
1,2,3-Trichlorobenzene		ND		270
1,2,3-Trichloropropane		ND		270
1,2,4-Trichlorobenzene		ND		270
1,2,4-Trimethylbenzene		310		270
1,3-Dichlorobenzene		ND		270
1,3-Dichloropropane		ND		270
1,3,5-Trimethylbenzene		ND		270
1,4-Dichlorobenzene		ND		270
2-Butanone (MEK)		ND		1100
2-Chlorotoluene		ND		270
2-Hexanone		ND		1100
2,2-Dichloropropane		ND		270
4-Chlorotoluene		ND		270
4-Isopropyltoluene		ND		270
4-Methyl-2-pentanone (MIBK)		ND		1100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		50 - 139
Toluene-d8 (Surr)	89		68 - 143
4-Bromofluorobenzene (Surr)	85		62 - 133
Dibromofluoromethane (Surr)	92		60 - 133

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-20

Lab Sample ID: 280-18743-5

Date Sampled: 08/02/2011 1030

Client Matrix: Solid

% Moisture: 18.9

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 280-80245

Instrument ID: MSV_J

Prep Method: 5030B

Prep Batch: 280-80102

Lab File ID: J8287.D

Dilution: 1.0

Initial Weight/Volume: 5.175 g

Analysis Date: 08/05/2011 2150

Final Weight/Volume: 5 mL

Prep Date: 08/05/2011 1800

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
cis-1,2-Dichloroethene		ND		3.0
cis-1,3-Dichloropropene		ND		6.0
m-Xylene & p-Xylene		ND		3.0
N-Propylbenzene		ND		6.0
n-Butylbenzene		ND		6.0
o-Xylene		ND		3.0
sec-Butylbenzene		ND		6.0
tert-Butylbenzene		ND		6.0
trans-1,2-Dichloroethene		ND		3.0
trans-1,3-Dichloropropene		ND		6.0
Acetone		ND		24
Benzene		ND		6.0
Bromobenzene		ND		6.0
Chlorobromomethane		ND		6.0
Dichlorobromomethane		ND		6.0
Bromoform		ND		6.0
Bromomethane		ND		12
Carbon tetrachloride		ND		6.0
Chlorobenzene		ND		6.0
Chlorodibromomethane		ND		6.0
Chloroethane		ND		12
Chloroform		ND		12
Chloromethane		ND		12
Dibromomethane		ND		6.0
Dichlorodifluoromethane		ND		12
Ethylbenzene		ND		6.0
Hexachlorobutadiene		ND		6.0
Isopropylbenzene		ND		6.0
Methyl tert-butyl ether		ND		24
Methylene Chloride		ND		6.0
Naphthalene		ND		6.0
Styrene		ND		6.0
Tetrachloroethene		ND		6.0
Toluene		ND		6.0
Trichloroethene		ND		6.0
Trichlorofluoromethane		ND		12
Vinyl chloride		ND		6.0
Xylenes, Total		ND		6.0
1,1-Dichloroethane		ND		6.0
1,1-Dichloroethene		ND		6.0
1,1-Dichloropropene		ND		6.0
1,1,1-Trichloroethane		ND		6.0
1,1,1,2-Tetrachloroethane		ND		6.0
1,1,2-Trichloroethane		ND		6.0
1,1,2,2-Tetrachloroethane		ND		6.0
1,2-Dibromo-3-Chloropropane		ND		12

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-20

Lab Sample ID: 280-18743-5

Client Matrix: Solid

% Moisture: 18.9

Date Sampled: 08/02/2011 1030

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-80245	Instrument ID:	MSV_J
Prep Method:	5030B	Prep Batch:	280-80102	Lab File ID:	J8287.D
Dilution:	1.0			Initial Weight/Volume:	5.175 g
Analysis Date:	08/05/2011 2150			Final Weight/Volume:	5 mL
Prep Date:	08/05/2011 1800				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,2-Dibromoethane		ND		6.0
1,2-Dichlorobenzene		ND		6.0
1,2-Dichloroethane		ND		6.0
1,2-Dichloroethene, Total		ND		6.0
1,2-Dichloropropane		ND		6.0
1,2,3-Trichlorobenzene		ND		6.0
1,2,3-Trichloropropane		ND		6.0
1,2,4-Trichlorobenzene		ND		6.0
1,2,4-Trimethylbenzene		ND		6.0
1,3-Dichlorobenzene		ND		6.0
1,3-Dichloropropane		ND		6.0
1,3,5-Trimethylbenzene		ND		6.0
1,4-Dichlorobenzene		ND		6.0
2-Butanone (MEK)		ND		24
2-Chlorotoluene		ND		6.0
2-Hexanone		ND		24
2,2-Dichloropropane		ND		6.0
4-Chlorotoluene		ND		6.0
4-Isopropyltoluene		ND		6.0
4-Methyl-2-pentanone (MIBK)		ND		24

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		58 - 140
Toluene-d8 (Surr)	88		80 - 126
4-Bromofluorobenzene (Surr)	83		76 - 127
Dibromofluoromethane (Surr)	85		75 - 121

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB07-10

Lab Sample ID: 280-18743-6

Client Matrix: Solid

% Moisture: 7.6

Date Sampled: 08/02/2011 1110

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 280-80245

Instrument ID: MSV_J

Prep Method: 5030B

Prep Batch: 280-80102

Lab File ID: J8288.D

Dilution: 1.0

Initial Weight/Volume: 5.794 g

Analysis Date: 08/05/2011 2213

Final Weight/Volume: 5 mL

Prep Date: 08/05/2011 1800

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
cis-1,2-Dichloroethene		ND		2.3
cis-1,3-Dichloropropene		ND		4.7
m-Xylene & p-Xylene		ND		2.3
N-Propylbenzene		ND		4.7
n-Butylbenzene		ND		4.7
o-Xylene		ND		2.3
sec-Butylbenzene		ND		4.7
tert-Butylbenzene		ND		4.7
trans-1,2-Dichloroethene		ND		2.3
trans-1,3-Dichloropropene		ND		4.7
Acetone		ND		19
Benzene		ND		4.7
Bromobenzene		ND		4.7
Chlorobromomethane		ND		4.7
Dichlorobromomethane		ND		4.7
Bromoform		ND		4.7
Bromomethane		ND		9.3
Carbon tetrachloride		ND		4.7
Chlorobenzene		ND		4.7
Chlorodibromomethane		ND		4.7
Chloroethane		ND		9.3
Chloroform		ND		9.3
Chloromethane		ND		9.3
Dibromomethane		ND		4.7
Dichlorodifluoromethane		ND		9.3
Ethylbenzene		ND		4.7
Hexachlorobutadiene		ND		4.7
Isopropylbenzene		ND		4.7
Methyl tert-butyl ether		ND		19
Methylene Chloride		ND		4.7
Naphthalene		ND		4.7
Styrene		ND		4.7
Tetrachloroethene		ND		4.7
Toluene		ND		4.7
Trichloroethene		ND		4.7
Trichlorofluoromethane		ND		9.3
Vinyl chloride		ND		4.7
Xylenes, Total		ND		4.7
1,1-Dichloroethane		ND		4.7
1,1-Dichloroethene		ND		4.7
1,1-Dichloropropene		ND		4.7
1,1,1-Trichloroethane		ND		4.7
1,1,1,2-Tetrachloroethane		ND		4.7
1,1,2-Trichloroethane		ND		4.7
1,1,2,2-Tetrachloroethane		ND		4.7
1,2-Dibromo-3-Chloropropane		ND		9.3

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB07-10

Lab Sample ID: 280-18743-6

Date Sampled: 08/02/2011 1110

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 280-80245

Instrument ID: MSV_J

Prep Method: 5030B

Prep Batch: 280-80102

Lab File ID: J8288.D

Dilution: 1.0

Initial Weight/Volume: 5.794 g

Analysis Date: 08/05/2011 2213

Final Weight/Volume: 5 mL

Prep Date: 08/05/2011 1800

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,2-Dibromoethane		ND		4.7
1,2-Dichlorobenzene		ND		4.7
1,2-Dichloroethane		ND		4.7
1,2-Dichloroethene, Total		ND		4.7
1,2-Dichloropropane		ND		4.7
1,2,3-Trichlorobenzene		ND		4.7
1,2,3-Trichloropropane		ND		4.7
1,2,4-Trichlorobenzene		ND		4.7
1,2,4-Trimethylbenzene		ND		4.7
1,3-Dichlorobenzene		ND		4.7
1,3-Dichloropropane		ND		4.7
1,3,5-Trimethylbenzene		ND		4.7
1,4-Dichlorobenzene		ND		4.7
2-Butanone (MEK)		ND		19
2-Chlorotoluene		ND		4.7
2-Hexanone		ND		19
2,2-Dichloropropane		ND		4.7
4-Chlorotoluene		ND		4.7
4-Isopropyltoluene		ND		4.7
4-Methyl-2-pentanone (MIBK)		ND		19

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		58 - 140
Toluene-d8 (Surr)	95		80 - 126
4-Bromofluorobenzene (Surr)	90		76 - 127
Dibromofluoromethane (Surr)	91		75 - 121

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Date Sampled: 08/02/2011 0900

Client Matrix: Solid

% Moisture: 11.4

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	280-80602	Instrument ID:	MSS_B
Prep Method:	3550C	Prep Batch:	280-80253	Lab File ID:	B6284.D
Dilution:	1.0			Initial Weight/Volume:	30.3 g
Analysis Date:	08/09/2011 1906			Final Weight/Volume:	1000 uL
Prep Date:	08/08/2011 1024			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Acenaphthene		ND		370
Acenaphthylene		ND		370
Acetophenone		ND		370
Aniline		ND		370
Anthracene		ND		370
Aramite, Total		ND		340
Benzo[a]anthracene		ND		370
Benzo[a]pyrene		ND		370
Benzo[b]fluoranthene		ND		370
Benzo[g,h,i]perylene		ND		370
Benzo[k]fluoranthene		ND		370
Benzyl alcohol		ND		370
Bis(2-chloroethoxy)methane		ND		370
Bis(2-chloroethyl)ether		ND		370
Bis(2-ethylhexyl) phthalate		ND		370
Butyl benzyl phthalate		ND		370
Chrysene		ND		370
Diallate		ND		210
Dibenz(a,h)anthracene		ND		370
Dibenzofuran		ND		370
Diethyl phthalate		ND		740
Di-n-butyl phthalate		ND		370
Di-n-octyl phthalate		ND		370
Dimethoate		ND		740
Dimethyl phthalate		ND		370
Diphenylamine		ND		370
Disulfoton		ND		1800
Ethyl methanesulfonate		ND		370
Fluoranthene		ND		370
Fluorene		ND		370
Hexachlorobenzene		ND		370
Hexachlorobutadiene		ND		370
Hexachlorocyclopentadiene		ND		1800
Hexachloroethane		ND		370
Hexachloropropene		ND		3700
Indeno[1,2,3-cd]pyrene		ND		370
Isophorone		ND		370
Isodrin		ND		370
Isosafrole		ND		130
Methapyrilene		ND		1800
Methyl methanesulfonate		ND		370
Methyl parathion		ND		1800
Naphthalene		ND		370
Nitrobenzene		ND		370
N-Nitrosodiethylamine		ND		370
N-Nitrosodimethylamine		ND		370

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Date Sampled: 08/02/2011 0900

Client Matrix: Solid

% Moisture: 11.4

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 280-80602

Instrument ID: MSS_B

Prep Method: 3550C

Prep Batch: 280-80253

Lab File ID: B6284.D

Dilution: 1.0

Initial Weight/Volume: 30.3 g

Analysis Date: 08/09/2011 1906

Final Weight/Volume: 1000 uL

Prep Date: 08/08/2011 1024

Injection Volume: 0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
N-Nitrosodi-n-butylamine		ND		370
N-Nitrosodi-n-propylamine		ND		370
n-Nitrosodiphenylamine(as diphenylamine)		ND		370
N-Nitrosomethylethylamine		ND		370
N-Nitrosomorpholine		ND		370
N-Nitrosopiperidine		ND		370
N-Nitrosopyrrolidine		ND		370
Pentachlorobenzene		ND		370
Pentachloroethane		ND		1800
Pentachloronitrobenzene		ND		1800
Pentachlorophenol		ND		1800
Phenacetin		ND		740
Phenanthrene		ND		370
Phenol		ND		370
Phorate		ND		1800
Pronamide		ND		370
Pyrene		ND		370
Pyridine		ND		740
Thionazin		ND		1800
Ethyl Parathion		ND		1800
1,2,4,5-Tetrachlorobenzene		ND		370
1,2,4-Trichlorobenzene		ND		370
1,2-Dichlorobenzene		ND		370
1,3-Dichlorobenzene		ND		370
1,4-Dichlorobenzene		ND		370
1,3,5-Trinitrobenzene		ND		1800
2,4-Dinitrophenol		ND		1800
2,4-Dinitrotoluene		ND		370
2,3,4,6-Tetrachlorophenol		ND		1800
2,4,5-Trichlorophenol		ND		370
2,4,6-Trichlorophenol		ND		370
2,4-Dichlorophenol		ND		370
2,4-Dimethylphenol		ND		370
2,6-Dichlorophenol		ND		370
1,3-Dinitrobenzene		ND		370
2-Chloronaphthalene		ND		370
2-Chlorophenol		ND		370
2-Acetylaminofluorene		ND		3700
2,6-Dinitrotoluene		ND		370
2-Methylnaphthalene		ND		370
2-Methylphenol		ND		370
2-Nitroaniline		ND		1800
2-Nitrophenol		ND		370
2-Toluidine		ND		740
3 & 4 Methylphenol		ND		370
3,3'-Dichlorobenzidine		ND		740

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Client Matrix: Solid

% Moisture: 11.4

Date Sampled: 08/02/2011 0900

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 280-80602

Instrument ID: MSS_B

Prep Method: 3550C

Prep Batch: 280-80253

Lab File ID: B6284.D

Dilution: 1.0

Initial Weight/Volume: 30.3 g

Analysis Date: 08/09/2011 1906

Final Weight/Volume: 1000 uL

Prep Date: 08/08/2011 1024

Injection Volume: 0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,4-Naphthoquinone		ND		1800
1-Naphthylamine		ND		370
2-Picoline		ND		740
4,6-Dinitro-2-methylphenol		ND		1800
3,3'-Dimethylbenzidine		ND		740
4-Bromophenyl phenyl ether		ND		370
4-Chloro-3-methylphenol		ND		370
4-Chloroaniline		ND		370
4-Chlorophenyl phenyl ether		ND		370
4-Nitroaniline		ND		1800
4-Nitrophenol		ND		1800
4-Nitroquinoline-1-oxide		ND		3700
3-Methylcholanthrene		ND		740
2-Naphthylamine		ND		370
3-Nitroaniline		ND		1800
4-Aminobiphenyl		ND		1800
Ethyl 4,4'-Dichlorobenzilate		ND		370
7,12-Dimethylbenz(a)anthracene		ND		740
5-Nitro-o-toluidine		ND		740

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	68		53 - 120
Phenol-d5	71		52 - 120
Nitrobenzene-d5	68		50 - 120
2-Fluorobiphenyl	71		50 - 120
2,4,6-Tribromophenol	84		51 - 120
Terphenyl-d14	80		55 - 120

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB04-25

Lab Sample ID: 280-18743-2

Date Sampled: 08/02/2011 0920

Client Matrix: Solid

% Moisture: 17.6

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	280-80602	Instrument ID:	MSS_B
Prep Method:	3550C	Prep Batch:	280-80253	Lab File ID:	B6287.D
Dilution:	1.0			Initial Weight/Volume:	30.0 g
Analysis Date:	08/09/2011 2008			Final Weight/Volume:	1000 uL
Prep Date:	08/08/2011 1024			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Acenaphthene		ND		400
Acenaphthylene		ND		400
Acetophenone		ND		400
Aniline		ND		400
Anthracene		ND		400
Aramite, Total		ND		360
Benzo[a]anthracene		ND		400
Benzo[a]pyrene		ND		400
Benzo[b]fluoranthene		ND		400
Benzo[g,h,i]perylene		ND		400
Benzo[k]fluoranthene		ND		400
Benzyl alcohol		ND		400
Bis(2-chloroethoxy)methane		ND		400
Bis(2-chloroethyl)ether		ND		400
Bis(2-ethylhexyl) phthalate		ND		400
Butyl benzyl phthalate		ND		400
Chrysene		ND		400
Diallate		ND		220
Dibenz(a,h)anthracene		ND		400
Dibenzofuran		ND		400
Diethyl phthalate		ND		800
Di-n-butyl phthalate		ND		400
Di-n-octyl phthalate		ND		400
Dimethoate		ND		800
Dimethyl phthalate		ND		400
Diphenylamine		ND		400
Disulfoton		ND		1900
Ethyl methanesulfonate		ND		400
Fluoranthene		ND		400
Fluorene		ND		400
Hexachlorobenzene		ND		400
Hexachlorobutadiene		ND		400
Hexachlorocyclopentadiene		ND		1900
Hexachloroethane		ND		400
Hexachloropropene		ND		4000
Indeno[1,2,3-cd]pyrene		ND		400
Isophorone		ND		400
Isodrin		ND		400
Isosafrole		ND		140
Methapyrilene		ND		1900
Methyl methanesulfonate		ND		400
Methyl parathion		ND		1900
Naphthalene		ND		400
Nitrobenzene		ND		400
N-Nitrosodiethylamine		ND		400
N-Nitrosodimethylamine		ND		400

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-25

Lab Sample ID: 280-18743-2

Date Sampled: 08/02/2011 0920

Client Matrix: Solid

% Moisture: 17.6

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	280-80602	Instrument ID:	MSS_B
Prep Method:	3550C	Prep Batch:	280-80253	Lab File ID:	B6287.D
Dilution:	1.0			Initial Weight/Volume:	30.0 g
Analysis Date:	08/09/2011 2008			Final Weight/Volume:	1000 uL
Prep Date:	08/08/2011 1024			Injection Volume:	0.5 uL

Analyte	DryWt Corrected Y	Result (ug/Kg)	Qualifier	RL
N-Nitrosodi-n-butylamine		ND		400
N-Nitrosodi-n-propylamine		ND		400
n-Nitrosodiphenylamine(as diphenylamine)		ND		400
N-Nitrosomethylethylamine		ND		400
N-Nitrosomorpholine		ND		400
N-Nitrosopiperidine		ND		400
N-Nitrosopyrrolidine		ND		400
Pentachlorobenzene		ND		400
Pentachloroethane		ND		1900
Pentachloronitrobenzene		ND		1900
Pentachlorophenol		ND		1900
Phenacetin		ND		800
Phenanthrene		ND		400
Phenol		ND		400
Phorate		ND		1900
Pronamide		ND		400
Pyrene		ND		400
Pyridine		ND		800
Thionazin		ND		1900
Ethyl Parathion		ND		1900
1,2,4,5-Tetrachlorobenzene		ND		400
1,2,4-Trichlorobenzene		ND		400
1,2-Dichlorobenzene		ND		400
1,3-Dichlorobenzene		ND		400
1,4-Dichlorobenzene		ND		400
1,3,5-Trinitrobenzene		ND		1900
2,4-Dinitrophenol		ND		1900
2,4-Dinitrotoluene		ND		400
2,3,4,6-Tetrachlorophenol		ND		1900
2,4,5-Trichlorophenol		ND		400
2,4,6-Trichlorophenol		ND		400
2,4-Dichlorophenol		ND		400
2,4-Dimethylphenol		ND		400
2,6-Dichlorophenol		ND		400
1,3-Dinitrobenzene		ND		400
2-Chloronaphthalene		ND		400
2-Chlorophenol		ND		400
2-Acetylaminofluorene		ND		4000
2,6-Dinitrotoluene		ND		400
2-Methylnaphthalene		ND		400
2-Methylphenol		ND		400
2-Nitroaniline		ND		1900
2-Nitrophenol		ND		400
2-Toluidine		ND		800
3 & 4 Methylphenol		ND		400
3,3'-Dichlorobenzidine		ND		800

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB04-25

Lab Sample ID: 280-18743-2

Date Sampled: 08/02/2011 0920

Client Matrix: Solid

% Moisture: 17.6

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 280-80602

Instrument ID: MSS_B

Prep Method: 3550C

Prep Batch: 280-80253

Lab File ID: B6287.D

Dilution: 1.0

Initial Weight/Volume: 30.0 g

Analysis Date: 08/09/2011 2008

Final Weight/Volume: 1000 uL

Prep Date: 08/08/2011 1024

Injection Volume: 0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,4-Naphthoquinone		ND		1900
1-Naphthylamine		ND		400
2-Picoline		ND		800
4,6-Dinitro-2-methylphenol		ND		1900
3,3'-Dimethylbenzidine		ND		800
4-Bromophenyl phenyl ether		ND		400
4-Chloro-3-methylphenol		ND		400
4-Chloroaniline		ND		400
4-Chlorophenyl phenyl ether		ND		400
4-Nitroaniline		ND		1900
4-Nitrophenol		ND		1900
4-Nitroquinoline-1-oxide		ND		4000
3-Methylcholanthrene		ND		800
2-Naphthylamine		ND		400
3-Nitroaniline		ND		1900
4-Aminobiphenyl		ND		1900
Ethyl 4,4'-Dichlorobenzilate		ND		400
7,12-Dimethylbenz(a)anthracene		ND		800
5-Nitro-o-toluidine		ND		800

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	77		53 - 120
Phenol-d5	78		52 - 120
Nitrobenzene-d5	77		50 - 120
2-Fluorobiphenyl	76		50 - 120
2,4,6-Tribromophenol	85		51 - 120
Terphenyl-d14	80		55 - 120

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Client Matrix: Solid

% Moisture: 7.2

Date Sampled: 08/02/2011 0950

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 280-80602

Instrument ID: MSS_B

Prep Method: 3550C

Prep Batch: 280-80253

Lab File ID: B6288 D

Dilution: 1.0

Initial Weight/Volume: 30.5 g

Analysis Date: 08/09/2011 2029

Final Weight/Volume: 1000 uL

Prep Date: 08/08/2011 1024

Injection Volume: 0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Acenaphthene		ND		350
Acenaphthylene		ND		350
Acetophenone		ND		350
Aniline		ND		350
Anthracene		ND		350
Aramite, Total		ND		320
Benzo[a]anthracene		ND		350
Benzo[a]pyrene		ND		350
Benzo[b]fluoranthene		ND		350
Benzo[g,h,i]perylene		ND		350
Benzo[k]fluoranthene		ND		350
Benzyl alcohol		ND		350
Bis(2-chloroethoxy)methane		ND		350
Bis(2-chloroethyl)ether		ND		350
Bis(2-ethylhexyl) phthalate		ND		350
Butyl benzyl phthalate		ND		350
Chrysene		ND		350
Diallate		ND		200
Dibenz(a,h)anthracene		ND		350
Dibenzofuran		ND		350
Diethyl phthalate		ND		700
Di-n-butyl phthalate		ND		350
Di-n-octyl phthalate		ND		350
Dimethoate		ND		700
Dimethyl phthalate		ND		350
Diphenylamine		ND		350
Disulfoton		ND		1700
Ethyl methanesulfonate		ND		350
Fluoranthene		ND		350
Fluorene		ND		350
Hexachlorobenzene		ND		350
Hexachlorobutadiene		ND		350
Hexachlorocyclopentadiene		ND		1700
Hexachloroethane		ND		350
Hexachloropropene		ND		3500
Indeno[1,2,3-cd]pyrene		ND		350
Isophorone		ND		350
Isodrin		ND		350
Isosafrole		ND		120
Methapyrilene		ND		1700
Methyl methanesulfonate		ND		350
Methyl parathion		ND		1700
Naphthalene		ND		350
Nitrobenzene		ND		350
N-Nitrosodiethylamine		ND		350
N-Nitrosodimethylamine		ND		350

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Date Sampled: 08/02/2011 0950

Client Matrix: Solid

% Moisture: 7.2

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	280-80602	Instrument ID:	MSS_B
Prep Method:	3550C	Prep Batch:	280-80253	Lab File ID:	B6288.D
Dilution:	1.0			Initial Weight/Volume:	30.5 g
Analysis Date:	08/09/2011 2029			Final Weight/Volume:	1000 uL
Prep Date:	08/08/2011 1024			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
N-Nitrosodi-n-butylamine		ND		350
N-Nitrosodi-n-propylamine		ND		350
n-Nitrosodiphenylamine(as diphenylamine)		ND		350
N-Nitrosomethylethylamine		ND		350
N-Nitrosomorpholine		ND		350
N-Nitrosopiperidine		ND		350
N-Nitrosopyrrolidine		ND		350
Pentachlorobenzene		ND		350
Pentachloroethane		ND		1700
Pentachloronitrobenzene		ND		1700
Pentachlorophenol		ND		1700
Phenacetin		ND		700
Phenanthrene		ND		350
Phenol		ND		350
Phorate		ND		1700
Pronamide		ND		350
Pyrene		ND		350
Pyridine		ND		700
Thionazin		ND		1700
Ethyl Parathion		ND		1700
1,2,4,5-Tetrachlorobenzene		ND		350
1,2,4-Trichlorobenzene		ND		350
1,2-Dichlorobenzene		ND		350
1,3-Dichlorobenzene		ND		350
1,4-Dichlorobenzene		ND		350
1,3,5-Trinitrobenzene		ND		1700
2,4-Dinitrophenol		ND		1700
2,4-Dinitrotoluene		ND		350
2,3,4,6-Tetrachlorophenol		ND		1700
2,4,5-Trichlorophenol		ND		350
2,4,6-Trichlorophenol		ND		350
2,4-Dichlorophenol		ND		350
2,4-Dimethylphenol		ND		350
2,6-Dichlorophenol		ND		350
1,3-Dinitrobenzene		ND		350
2-Chloronaphthalene		ND		350
2-Chlorophenol		ND		350
2-Acetylaminofluorene		ND		3500
2,6-Dinitrotoluene		ND		350
2-Methylnaphthalene		ND		350
2-Methylphenol		ND		350
2-Nitroaniline		ND		1700
2-Nitrophenol		ND		350
2-Toluidine		ND		700
3 & 4 Methylphenol		ND		350
3,3'-Dichlorobenzidine		ND		700

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Date Sampled: 08/02/2011 0950

Client Matrix: Solid

% Moisture: 7.2

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	280-80602	Instrument ID:	MSS_B
Prep Method:	3550C	Prep Batch:	280-80253	Lab File ID:	B6288.D
Dilution:	1.0			Initial Weight/Volume:	30.5 g
Analysis Date:	08/09/2011 2029			Final Weight/Volume:	1000 uL
Prep Date:	08/08/2011 1024			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,4-Naphthoquinone		ND		1700
1-Naphthylamine		ND		350
2-Picoline		ND		700
4,6-Dinitro-2-methylphenol		ND		1700
3,3'-Dimethylbenzidine		ND		700
4-Bromophenyl phenyl ether		ND		350
4-Chloro-3-methylphenol		ND		350
4-Chloroaniline		ND		350
4-Chlorophenyl phenyl ether		ND		350
4-Nitroaniline		ND		1700
4-Nitrophenol		ND		1700
4-Nitroquinoline-1-oxide		ND		3500
3-Methylcholanthrene		ND		700
2-Naphthylamine		ND		350
3-Nitroaniline		ND		1700
4-Aminobiphenyl		ND		1700
Ethyl 4,4'-Dichlorobenzilate		ND		350
7,12-Dimethylbenz(a)anthracene		ND		700
5-Nitro-o-toluidine		ND		700

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	67		53 - 120
Phenol-d5	71		52 - 120
Nitrobenzene-d5	69		50 - 120
2-Fluorobiphenyl	71		50 - 120
2,4,6-Tribromophenol	76		51 - 120
Terphenyl-d14	78		55 - 120

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB06-10

Lab Sample ID: 280-18743-4

Date Sampled: 08/02/2011 1008

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	280-80602	Instrument ID:	MSS_B
Prep Method:	3550C	Prep Batch:	280-80253	Lab File ID:	B6289.D
Dilution:	1.0			Initial Weight/Volume:	30.9 g
Analysis Date:	08/09/2011 2049			Final Weight/Volume:	1000 uL
Prep Date:	08/08/2011 1024			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Acenaphthene		ND		350
Acenaphthylene		ND		350
Acetophenone		ND		350
Aniline		ND		350
Anthracene		ND		350
Aramite, Total		ND		320
Benzo[a]anthracene		ND		350
Benzo[a]pyrene		ND		350
Benzo[b]fluoranthene		ND		350
Benzo[g,h,i]perylene		ND		350
Benzo[k]fluoranthene		ND		350
Benzyl alcohol		ND		350
Bis(2-chloroethoxy)methane		ND		350
Bis(2-chloroethyl)ether		ND		350
Bis(2-ethylhexyl) phthalate		ND		350
Butyl benzyl phthalate		ND		350
Chrysene		ND		350
Diallate		ND		190
Dibenz(a,h)anthracene		ND		350
Dibenzofuran		ND		350
Diethyl phthalate		ND		690
Di-n-butyl phthalate		ND		350
Di-n-octyl phthalate		ND		350
Dimethoate		ND		690
Dimethyl phthalate		ND		350
Diphenylamine		ND		350
Disulfoton		ND		1700
Ethyl methanesulfonate		ND		350
Fluoranthene		ND		350
Fluorene		ND		350
Hexachlorobenzene		ND		350
Hexachlorobutadiene		ND		350
Hexachlorocyclopentadiene		ND		1700
Hexachloroethane		ND		350
Hexachloropropene		ND		3500
Indeno[1,2,3-cd]pyrene		ND		350
Isophorone		ND		350
Isodrin		ND		350
Isosafrole		ND		120
Methapyrene		ND		1700
Methyl methanesulfonate		ND		350
Methyl parathion		ND		1700
Naphthalene		ND		350
Nitrobenzene		ND		350
N-Nitrosodiethylamine		ND		350
N-Nitrosodimethylamine		ND		350

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB06-10

Lab Sample ID: 280-18743-4

Client Matrix: Solid

% Moisture: 7.6

Date Sampled: 08/02/2011 1008

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	280-80602	Instrument ID:	MSS_B
Prep Method:	3550C	Prep Batch:	280-80253	Lab File ID:	B6289.D
Dilution:	1.0			Initial Weight/Volume:	30.9 g
Analysis Date:	08/09/2011 2049			Final Weight/Volume:	1000 uL
Prep Date:	08/08/2011 1024			Injection Volume:	0.5 uL

Analyte	DryWt Corrected Y	Result (ug/Kg)	Qualifier	RL
N-Nitrosodi-n-butylamine		ND		350
N-Nitrosodi-n-propylamine		ND		350
n-Nitrosodiphenylamine(as diphenylamine)		ND		350
N-Nitrosomethylethylamine		ND		350
N-Nitrosomorpholine		ND		350
N-Nitrosopiperidine		ND		350
N-Nitrosopyrrolidine		ND		350
Pentachlorobenzene		ND		350
Pentachloroethane		ND		1700
Pentachloronitrobenzene		ND		1700
Pentachlorophenol		ND		1700
Phenacetin		ND		690
Phenanthrene		ND		350
Phenol		ND		350
Phorate		ND		1700
Pronamide		ND		350
Pyrene		ND		350
Pyridine		ND		690
Thionazin		ND		1700
Ethyl Parathion		ND		1700
1,2,4,5-Tetrachlorobenzene		ND		350
1,2,4-Trichlorobenzene		ND		350
1,2-Dichlorobenzene		ND		350
1,3-Dichlorobenzene		ND		350
1,4-Dichlorobenzene		ND		350
1,3,5-Trinitrobenzene		ND		1700
2,4-Dinitrophenol		ND		1700
2,4-Dinitrotoluene		ND		350
2,3,4,6-Tetrachlorophenol		ND		1700
2,4,5-Trichlorophenol		ND		350
2,4,6-Trichlorophenol		ND		350
2,4-Dichlorophenol		ND		350
2,4-Dimethylphenol		ND		350
2,6-Dichlorophenol		ND		350
1,3-Dinitrobenzene		ND		350
2-Chloronaphthalene		ND		350
2-Chlorophenol		ND		350
2-Acetylaminofluorene		ND		3500
2,6-Dinitrotoluene		ND		350
2-Methylnaphthalene		ND		350
2-Methylphenol		ND		350
2-Nitroaniline		ND		1700
2-Nitrophenol		ND		350
2-Toluidine		ND		690
3 & 4 Methylphenol		ND		350
3,3'-Dichlorobenzidine		ND		690

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB06-10

Lab Sample ID: 280-18743-4

Client Matrix: Solid

% Moisture: 7.6

Date Sampled: 08/02/2011 1008

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 280-80602

Instrument ID: MSS_B

Prep Method: 3550C

Prep Batch: 280-80253

Lab File ID: B6289.D

Dilution: 1.0

Initial Weight/Volume: 30.9 g

Analysis Date: 08/09/2011 2049

Final Weight/Volume: 1000 uL

Prep Date: 08/08/2011 1024

Injection Volume: 0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,4-Naphthoquinone		ND		1700
1-Naphthylamine		ND		350
2-Picoline		ND		690
4,6-Dinitro-2-methylphenol		ND		1700
3,3'-Dimethylbenzidine		ND		690
4-Bromophenyl phenyl ether		ND		350
4-Chloro-3-methylphenol		ND		350
4-Chloroaniline		ND		350
4-Chlorophenyl phenyl ether		ND		350
4-Nitroaniline		ND		1700
4-Nitrophenol		ND		1700
4-Nitroquinoline-1-oxide		ND		3500
3-Methylcholanthrene		ND		690
2-Naphthylamine		ND		350
3-Nitroaniline		ND		1700
4-Aminobiphenyl		ND		1700
Ethyl 4,4'-Dichlorobenzilate		ND		350
7,12-Dimethylbenz(a)anthracene		ND		690
5-Nitro-o-toluidine		ND		690

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	62		53 - 120
Phenol-d5	66		52 - 120
Nitrobenzene-d5	65		50 - 120
2-Fluorobiphenyl	71		50 - 120
2,4,6-Tribromophenol	81		51 - 120
Terphenyl-d14	78		55 - 120

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-20

Lab Sample ID: 280-18743-5

Client Matrix: Solid

% Moisture: 18.9

Date Sampled: 08/02/2011 1030

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	280-80602	Instrument ID:	MSS_B
Prep Method:	3550C	Prep Batch:	280-80253	Lab File ID:	B6290.D
Dilution:	1.0			Initial Weight/Volume:	30.4 g
Analysis Date:	08/09/2011 2110			Final Weight/Volume:	1000 uL
Prep Date:	08/08/2011 1024			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Acenaphthene		ND		400
Acenaphthylene		ND		400
Acetophenone		ND		400
Aniline		ND		400
Anthracene		ND		400
Aramite, Total		ND		370
Benzo[a]anthracene		ND		400
Benzo[a]pyrene		ND		400
Benzo[b]fluoranthene		ND		400
Benzo[g,h,i]perylene		ND		400
Benzo[k]fluoranthene		ND		400
Benzyl alcohol		ND		400
Bis(2-chloroethoxy)methane		ND		400
Bis(2-chloroethyl)ether		ND		400
Bis(2-ethylhexyl) phthalate		ND		400
Butyl benzyl phthalate		ND		400
Chrysene		ND		400
Diallate		ND		230
Dibenz(a,h)anthracene		ND		400
Dibenzofuran		ND		400
Diethyl phthalate		ND		800
Di-n-butyl phthalate		ND		400
Di-n-octyl phthalate		ND		400
Dimethoate		ND		800
Dimethyl phthalate		ND		400
Diphenylamine		ND		400
Disulfoton		ND		1900
Ethyl methanesulfonate		ND		400
Fluoranthene		ND		400
Fluorene		ND		400
Hexachlorobenzene		ND		400
Hexachlorobutadiene		ND		400
Hexachlorocyclopentadiene		ND		1900
Hexachloroethane		ND		400
Hexachloropropene		ND		4000
Indeno[1,2,3-cd]pyrene		ND		400
Isophorone		ND		400
Isodrin		ND		400
Isosafrole		ND		140
Methapyrilene		ND		1900
Methyl methanesulfonate		ND		400
Methyl parathion		ND		1900
Naphthalene		ND		400
Nitrobenzene		ND		400
N-Nitrosodiethylamine		ND		400
N-Nitrosodimethylamine		ND		400

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB06-20

Lab Sample ID: 280-18743-5

Date Sampled: 08/02/2011 1030

Client Matrix: Solid

% Moisture: 18.9

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 280-80602

Instrument ID: MSS_B

Prep Method: 3550C

Prep Batch: 280-80253

Lab File ID: B6290.D

Dilution: 1.0

Initial Weight/Volume: 30.4 g

Analysis Date: 08/09/2011 2110

Final Weight/Volume: 1000 uL

Prep Date: 08/08/2011 1024

Injection Volume: 0.5 uL

Analyte	Dry/Wt Corrected: Y	Result (ug/Kg)	Qualifier	RL
N-Nitrosodi-n-butylamine		ND		400
N-Nitrosodi-n-propylamine		ND		400
n-Nitrosodiphenylamine(as diphenylamine)		ND		400
N-Nitrosomethylethylamine		ND		400
N-Nitrosomorpholine		ND		400
N-Nitrosopiperidine		ND		400
N-Nitrosopyrrolidine		ND		400
Pentachlorobenzene		ND		400
Pentachloroethane		ND		1900
Pentachloronitrobenzene		ND		1900
Pentachlorophenol		ND		1900
Phenacetin		ND		800
Phenanthrene		ND		400
Phenol		ND		400
Phorate		ND		1900
Pronamide		ND		400
Pyrene		ND		400
Pyridine		ND		800
Thionazin		ND		1900
Ethyl Parathion		ND		1900
1,2,4,5-Tetrachlorobenzene		ND		400
1,2,4-Trichlorobenzene		ND		400
1,2-Dichlorobenzene		ND		400
1,3-Dichlorobenzene		ND		400
1,4-Dichlorobenzene		ND		400
1,3,5-Trinitrobenzene		ND		1900
2,4-Dinitrophenol		ND		1900
2,4-Dinitrotoluene		ND		400
2,3,4,6-Tetrachlorophenol		ND		1900
2,4,5-Trichlorophenol		ND		400
2,4,6-Trichlorophenol		ND		400
2,4-Dichlorophenol		ND		400
2,4-Dimethylphenol		ND		400
2,6-Dichlorophenol		ND		400
1,3-Dinitrobenzene		ND		400
2-Chloronaphthalene		ND		400
2-Chlorophenol		ND		400
2-Acetylaminofluorene		ND		4000
2,6-Dinitrotoluene		ND		400
2-Methylnaphthalene		ND		400
2-Methylphenol		ND		400
2-Nitroaniline		ND		1900
2-Nitrophenol		ND		400
2-Toluidine		ND		800
3 & 4 Methylphenol		ND		400
3,3'-Dichlorobenzidine		ND		800

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-20

Lab Sample ID: 280-18743-5

Client Matrix: Solid

% Moisture: 18.9

Date Sampled: 08/02/2011 1030

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	280-80602	Instrument ID:	MSS_B
Prep Method:	3550C	Prep Batch:	280-80253	Lab File ID:	86290.D
Dilution:	1.0			Initial Weight/Volume:	30.4 g
Analysis Date:	08/09/2011 2110			Final Weight/Volume:	1000 uL
Prep Date:	08/08/2011 1024			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,4-Naphthoquinone		ND		1900
1-Naphthylamine		ND		400
2-Picoline		ND		800
4,6-Dinitro-2-methylphenol		ND		1900
3,3'-Dimethylbenzidine		ND		800
4-Bromophenyl phenyl ether		ND		400
4-Chloro-3-methylphenol		ND		400
4-Chloroaniline		ND		400
4-Chlorophenyl phenyl ether		ND		400
4-Nitroaniline		ND		1900
4-Nitrophenol		ND		1900
4-Nitroquinoline-1-oxide		ND		4000
3-Methylcholanthrene		ND		800
2-Naphthylamine		ND		400
3-Nitroaniline		ND		1900
4-Aminobiphenyl		ND		1900
Ethyl 4,4'-Dichlorobenzilate		ND		400
7,12-Dimethylbenz(a)anthracene		ND		800
5-Nitro-o-toluidine		ND		800

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	67		53 - 120
Phenol-d5	70		52 - 120
Nitrobenzene-d5	68		50 - 120
2-Fluorobiphenyl	68		50 - 120
2,4,6-Tribromophenol	81		51 - 120
Terphenyl-d14	78		55 - 120

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB07-10

Lab Sample ID: 280-18743-6

Date Sampled: 08/02/2011 1110

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 280-80602

Instrument ID: MSS_B

Prep Method: 3550C

Prep Batch: 280-80253

Lab File ID: B6291.D

Dilution: 1.0

Initial Weight/Volume: 30.1 g

Analysis Date: 08/09/2011 2131

Final Weight/Volume: 1000 uL

Prep Date: 08/08/2011 1024

Injection Volume: 0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Acenaphthene		ND		360
Acenaphthylene		ND		360
Acetophenone		ND		360
Aniline		ND		360
Anthracene		ND		360
Aramite, Total		ND		320
Benzo[a]anthracene		ND		360
Benzo[a]pyrene		ND		360
Benzo[b]fluoranthene		ND		360
Benzo[g,h,i]perylene		ND		360
Benzo[k]fluoranthene		ND		360
Benzyl alcohol		ND		360
Bis(2-chloroethoxy)methane		ND		360
Bis(2-chloroethyl)ether		ND		360
Bis(2-ethylhexyl) phthalate		ND		360
Butyl benzyl phthalate		ND		360
Chrysene		ND		360
Diallate		ND		200
Dibenz(a,h)anthracene		ND		360
Dibenzofuran		ND		360
Diethyl phthalate		ND		710
Di-n-butyl phthalate		ND		360
Di-n-octyl phthalate		ND		360
Dimethoate		ND		710
Dimethyl phthalate		ND		360
Diphenylamine		ND		360
Disulfoton		ND		1700
Ethyl methanesulfonate		ND		360
Fluoranthene		ND		360
Fluorene		ND		360
Hexachlorobenzene		ND		360
Hexachlorobutadiene		ND		360
Hexachlorocyclopentadiene		ND		1700
Hexachloroethane		ND		360
Hexachloropropene		ND		3600
Indeno[1,2,3-cd]pyrene		ND		360
Isophorone		ND		360
Isodrin		ND		360
Isosafrole		ND		130
Methapyrilene		ND		1700
Methyl methanesulfonate		ND		360
Methyl parathion		ND		1700
Naphthalene		ND		360
Nitrobenzene		ND		360
N-Nitrosodiethylamine		ND		360
N-Nitrosodimethylamine		ND		360

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB07-10

Lab Sample ID: 280-18743-6

Date Sampled: 08/02/2011 1110

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	280-80602	Instrument ID:	MSS_8
Prep Method:	3550C	Prep Batch:	280-80253	Lab File ID:	B6291.D
Dilution:	1.0			Initial Weight/Volume:	30.1 g
Analysis Date:	08/09/2011 2131			Final Weight/Volume:	1000 uL
Prep Date:	08/08/2011 1024			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
N-Nitrosodi-n-butylamine		ND		360
N-Nitrosodi-n-propylamine		ND		360
n-Nitrosodiphenylamine(as diphenylamine)		ND		360
N-Nitrosomethylethylamine		ND		360
N-Nitrosomorpholine		ND		360
N-Nitrosopiperidine		ND		360
N-Nitrosopyrrolidine		ND		360
Pentachlorobenzene		ND		360
Pentachloroethane		ND		1700
Pentachloronitrobenzene		ND		1700
Pentachlorophenol		ND		1700
Phenacetin		ND		710
Phenanthrene		ND		360
Phenol		ND		360
Phorate		ND		1700
Pronamide		ND		360
Pyrene		ND		360
Pyridine		ND		710
Thionazin		ND		1700
Ethyl Parathion		ND		1700
1,2,4,5-Tetrachlorobenzene		ND		360
1,2,4-Trichlorobenzene		ND		360
1,2-Dichlorobenzene		ND		360
1,3-Dichlorobenzene		ND		360
1,4-Dichlorobenzene		ND		360
1,3,5-Trinitrobenzene		ND		1700
2,4-Dinitrophenol		ND		1700
2,4-Dinitrotoluene		ND		360
2,3,4,6-Tetrachlorophenol		ND		1700
2,4,5-Trichlorophenol		ND		360
2,4,6-Trichlorophenol		ND		360
2,4-Dichlorophenol		ND		360
2,4-Dimethylphenol		ND		360
2,6-Dichlorophenol		ND		360
1,3-Dinitrobenzene		ND		360
2-Chloronaphthalene		ND		360
2-Chlorophenol		ND		360
2-Acetylaminofluorene		ND		3600
2,6-Dinitrotoluene		ND		360
2-Methylnaphthalene		ND		360
2-Methylphenol		ND		360
2-Nitroaniline		ND		1700
2-Nitrophenol		ND		360
2-Toluidine		ND		710
3 & 4 Methylphenol		ND		360
3,3'-Dichlorobenzidine		ND		710

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB07-10

Lab Sample ID: 280-18743-6

Date Sampled: 08/02/2011 1110

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 280-80602

Instrument ID: MSS_B

Prep Method: 3550C

Prep Batch: 280-80253

Lab File ID: B6291.D

Dilution: 1.0

Initial Weight/Volume: 30.1 g

Analysis Date: 08/09/2011 2131

Final Weight/Volume: 1000 uL

Prep Date: 08/08/2011 1024

Injection Volume: 0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
1,4-Naphthoquinone		ND		1700
1-Naphthylamine		ND		360
2-Picoline		ND		710
4,6-Dinitro-2-methylphenol		ND		1700
3,3'-Dimethylbenzidine		ND		710
4-Bromophenyl phenyl ether		ND		360
4-Chloro-3-methylphenol		ND		360
4-Chloroaniline		ND		360
4-Chlorophenyl phenyl ether		ND		360
4-Nitroaniline		ND		1700
4-Nitrophenol		ND		1700
4-Nitroquinoline-1-oxide		ND		3600
3-Methylcholanthrene		ND		710
2-Naphthylamine		ND		360
3-Nitroaniline		ND		1700
4-Aminobiphenyl		ND		1700
Ethyl 4,4'-Dichlorobenzilate		ND		360
7,12-Dimethylbenz(a)anthracene		ND		710
5-Nitro-o-toluidine		ND		710

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorophenol	65		53 - 120
Phenol-d5	69		52 - 120
Nitrobenzene-d5	65		50 - 120
2-Fluorobiphenyl	70		50 - 120
2,4,6-Tribromophenol	87		51 - 120
Terphenyl-d14	80		55 - 120

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Date Sampled: 08/02/2011 0900

Client Matrix: Solid

% Moisture: 11.4

Date Received: 08/02/2011 1805

8015B Gasoline Range Organics - (GC)

Analysis Method: 8015B

Analysis Batch: 280-80430

Instrument ID: GCV_L

Prep Method: 5030B

Prep Batch: 280-79870

Initial Weight/Volume: 10.14 g

Dilution: 2.0

Final Weight/Volume: 500 mL

Analysis Date: 08/08/2011 1504

Injection Volume: 5 mL

Prep Date: 08/04/2011 1431

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Gasoline Range Organics (GRO)-C6-C10		88		2.7

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	95		77 - 123

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB04-25

Lab Sample ID: 280-18743-2

Date Sampled: 08/02/2011 0920

Client Matrix: Solid

% Moisture: 17.6

Date Received: 08/02/2011 1805

8015B Gasoline Range Organics - (GC)

Analysis Method: 8015B

Analysis Batch: 280-80294

Instrument ID: GCV_L

Prep Method: 5030B

Prep Batch: 280-79870

Initial Weight/Volume: 10.05 g

Dilution: 1.0

Final Weight/Volume: 500 mL

Analysis Date: 08/05/2011 1601

Injection Volume: 5 mL

Prep Date: 08/04/2011 1431

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Gasoline Range Organics (GRO)-C6-C10		1.4		1.4
Surrogate		%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene		86		77 - 123

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Client Matrix: Solid

% Moisture: 7.2

Date Sampled: 08/02/2011 0950

Date Received: 08/02/2011 1805

8015B Gasoline Range Organics - (GC)

Analysis Method: 8015B

Analysis Batch: 280-80294

Instrument ID: GCV_L

Prep Method: 5030B

Prep Batch: 280-79870

Initial Weight/Volume: 10.35 g

Dilution: 1.0

Final Weight/Volume: 500 mL

Analysis Date: 08/05/2011 1639

Injection Volume: 5 mL

Prep Date: 08/04/2011 1431

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	91		77 - 123

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-10

Lab Sample ID: 280-18743-4

Date Sampled: 08/02/2011 1008

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8015B Gasoline Range Organics - (GC)

Analysis Method: 8015B

Analysis Batch: 280-80430

Instrument ID: GCV_L

Prep Method: 5030B

Prep Batch: 280-79870

Initial Weight/Volume: 10.11 g

Dilution: 5.0

Final Weight/Volume: 500 mL

Analysis Date: 08/08/2011 1541

Injection Volume: 5 mL

Prep Date: 08/04/2011 1431

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Gasoline Range Organics (GRO)-C6-C10		160		6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	85		77 - 123

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-20

Lab Sample ID: 280-18743-5

Date Sampled: 08/02/2011 1030

Client Matrix: Solid

% Moisture: 18.9

Date Received: 08/02/2011 1805

8015B Gasoline Range Organics - (GC)

Analysis Method: 8015B

Analysis Batch: 280-80430

Instrument ID: GCV_L

Prep Method: 5030B

Prep Batch: 280-79870

Initial Weight/Volume: 10.34 g

Dilution: 1.0

Final Weight/Volume: 500 mL

Analysis Date: 08/08/2011 1619

Injection Volume: 5 mL

Prep Date: 08/04/2011 1431

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	83		77 - 123

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB07-10

Lab Sample ID: 280-18743-6

Date Sampled: 08/02/2011 1110

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8015B Gasoline Range Organics - (GC)

Analysis Method: 8015B

Analysis Batch: 280-80294

Instrument ID: GCV_L

Prep Method: 5030B

Prep Batch: 280-79870

Initial Weight/Volume: 10.35 g

Dilution: 1.0

Final Weight/Volume: 500 mL

Analysis Date: 08/05/2011 1911

Injection Volume: 5 mL

Prep Date: 08/04/2011 1431

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
a,a,a-Trifluorotoluene	92		77 - 123

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Date Sampled: 08/02/2011 0900

Client Matrix: Solid

% Moisture: 11.4

Date Received: 08/02/2011 1805

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 280-80462

Instrument ID: GCS_U2

Prep Method: 3546

Prep Batch: 280-79775

Initial Weight/Volume: 31.0 g

Dilution: 1.0

Final Weight/Volume: 1000 uL

Analysis Date: 08/05/2011 2019

Injection Volume: 1 uL

Prep Date: 08/04/2011 1320

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Motor Oil Range Organics (C25-C36)		43		13
Diesel Range Organics (C10-C25)		66		4.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	65		49 - 115

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-25

Lab Sample ID: 280-18743-2

Date Sampled: 08/02/2011 0920

Client Matrix: Solid

% Moisture: 17.6

Date Received: 08/02/2011 1805

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 280-80462

Instrument ID: GCS_U2

Prep Method: 3546

Prep Batch: 280-79775

Initial Weight/Volume: 30.6 g

Dilution: 1.0

Final Weight/Volume: 1000 uL

Analysis Date: 08/05/2011 2052

Injection Volume: 1 uL

Prep Date: 08/04/2011 1320

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Motor Oil Range Organics (C25-C36)		ND		14
Diesel Range Organics [C10-C25]		6.3		4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		49 - 115

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Date Sampled: 08/02/2011 0950

Client Matrix: Solid

% Moisture: 7.2

Date Received: 08/02/2011 1805

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 280-80462

Instrument ID: GCS_U2

Prep Method: 3546

Prep Batch: 280-79775

Initial Weight/Volume: 31.1 g

Dilution: 1.0

Final Weight/Volume: 1000 uL

Analysis Date: 08/05/2011 2125

Injection Volume: 1 uL

Prep Date: 08/04/2011 1320

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Motor Oil Range Organics (C25-C36)		ND		12
Diesel Range Organics [C10-C25]		ND		4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	56		49 - 115

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-10

Lab Sample ID: 280-18743-4

Date Sampled: 08/02/2011 1008

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 280-80462

Instrument ID: GCS_U2

Prep Method: 3546

Prep Batch: 280-79775

Initial Weight/Volume: 31.2 g

Dilution: 1.0

Final Weight/Volume: 1000 uL

Analysis Date: 08/05/2011 2158

Injection Volume: 1 uL

Prep Date: 08/04/2011 1320

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Motor Oil Range Organics (C25-C36)		220		12
Diesel Range Organics [C10-C25]		79		4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	68		49 - 115

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-20

Lab Sample ID: 280-18743-5

Date Sampled: 08/02/2011 1030

Client Matrix: Solid

% Moisture: 18.9

Date Received: 08/02/2011 1805

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 280-80540

Instrument ID: GCS_U

Prep Method: 3546

Prep Batch: 280-80003

Initial Weight/Volume: 30.3 g

Dilution: 1.0

Final Weight/Volume: 1000 uL

Analysis Date: 08/08/2011 1815

Injection Volume: 1 uL

Prep Date: 08/05/2011 1007

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Motor Oil Range Organics (C25-C36)		ND		15
Diesel Range Organics [C10-C25]		ND		4.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		49 - 115

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB07-10

Lab Sample ID: 280-18743-6

Date Sampled: 08/02/2011 1110

Client Matrix: Solid

% Moisture: 7.6

Date Received: 08/02/2011 1805

8015B Diesel Range Organics (DRO) (GC)

Analysis Method: 8015B

Analysis Batch: 280-80462

Instrument ID: GCS_U2

Prep Method: 3546

Prep Batch: 280-79775

Initial Weight/Volume: 32.3 g

Dilution: 1.0

Final Weight/Volume: 1000 uL

Analysis Date: 08/05/2011 2336

Injection Volume: 1 uL

Prep Date: 08/04/2011 1320

Result Type: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Motor Oil Range Organics (C25-C36)		ND		12
Diesel Range Organics [C10-C25]		ND		4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	94		49 - 115

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Date Sampled: 08/02/2011 0900

Client Matrix: Solid

Date Received: 08/02/2011 1805

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-80237	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-79869	Lab File ID:	26a080511.asc
Dilution:	1.0			Initial Weight/Volume:	1.11 g
Analysis Date:	08/05/2011 1632			Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		1.8		1.8
Barium		94		0.90
Cadmium		ND		0.45
Chromium		7.9		1.4
Lead		5.3		0.72
Selenium		ND		1.2
Silver		ND		0.90

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-80840	Instrument ID:	MT_033
Prep Method:	7471A	Prep Batch:	280-79762	Lab File ID:	110810AB.txt
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	08/10/2011 1525			Final Weight/Volume:	50 mL
Prep Date:	08/10/2011 1055				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Mercury		25		16

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB04-25

Lab Sample ID: 280-18743-2

Date Sampled: 08/02/2011 0920

Client Matrix: Solid

Date Received: 08/02/2011 1805

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-80237	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-79869	Lab File ID:	26a080511.asc
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Analysis Date:	08/05/2011 1641			Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		3.1		1.8
Barium		40		0.88
Cadmium		ND		0.44
Chromium		9.0		1.3
Lead		9.1		0.71
Selenium		ND		1.2
Silver		ND		0.88

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-80840	Instrument ID:	MT_033
Prep Method:	7471A	Prep Batch:	280-79762	Lab File ID:	110810AB.txt
Dilution:	1.0			Initial Weight/Volume:	0.67 g
Analysis Date:	08/10/2011 1527			Final Weight/Volume:	50 mL
Prep Date:	08/10/2011 1055				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Mercury		40		15

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Date Sampled: 08/02/2011 0950

Client Matrix: Solid

Date Received: 08/02/2011 1805

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-80237	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-79869	Lab File ID:	26a080511.asc
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Analysis Date:	08/05/2011 1653			Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		3.0		1.8
Barium		60		0.91
Cadmium		ND		0.45
Lead		4.6		0.73
Selenium		ND		1.2
Silver		ND		0.91

Analysis Method:	6010B	Analysis Batch:	280-80418	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-79869	Lab File ID:	26a080811.asc
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Analysis Date:	08/08/2011 1501			Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Chromium		7.1		1.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-80840	Instrument ID:	MT_033
Prep Method:	7471A	Prep Batch:	280-79762	Lab File ID:	110810AB.txt
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	08/10/2011 1534			Final Weight/Volume:	50 mL
Prep Date:	08/10/2011 1055				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Mercury		ND		16

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB06-10

Lab Sample ID: 280-18743-4

Date Sampled: 08/02/2011 1008

Client Matrix: Solid

Date Received: 08/02/2011 1805

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-80237	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-79869	Lab File ID:	26a080511.asc
Dilution:	1.0			Initial Weight/Volume:	1.16 g
Analysis Date:	08/05/2011 1656			Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		2.5		1.7
Barium		50		0.86
Cadmium		ND		0.43
Lead		3.5		0.69
Selenium		ND		1.1
Silver		ND		0.86

Analysis Method:	6010B	Analysis Batch:	280-80418	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-79869	Lab File ID:	26a080811.asc
Dilution:	1.0			Initial Weight/Volume:	1.16 g
Analysis Date:	08/08/2011 1503			Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Chromium		6.7		1.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-80840	Instrument ID:	MT_033
Prep Method:	7471A	Prep Batch:	280-79762	Lab File ID:	110810AB.txt
Dilution:	1.0			Initial Weight/Volume:	0.68 g
Analysis Date:	08/10/2011 1536			Final Weight/Volume:	50 mL
Prep Date:	08/10/2011 1055				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Mercury		ND		15

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Client Sample ID: SB06-20

Lab Sample ID: 280-18743-5

Date Sampled: 08/02/2011 1030

Client Matrix: Solid

Date Received: 08/02/2011 1805

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-80237	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-79869	Lab File ID:	26a080511.asc
Dilution:	1.0			Initial Weight/Volume:	1.15 g
Analysis Date:	08/05/2011 1658			Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		1.8		1.7
Barium		130		0.87
Cadmium		ND		0.43
Lead		11		0.70
Selenium		ND		1.1
Silver		ND		0.87

Analysis Method:	6010B	Analysis Batch:	280-80418	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-79869	Lab File ID:	26a080811.asc
Dilution:	1.0			Initial Weight/Volume:	1.15 g
Analysis Date:	08/08/2011 1506			Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Chromium		12		1.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-80840	Instrument ID:	MT_033
Prep Method:	7471A	Prep Batch:	280-79762	Lab File ID:	110810AB.txt
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	08/10/2011 1538			Final Weight/Volume:	50 mL
Prep Date:	08/10/2011 1055				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Mercury		ND		15

Analytical Data

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Client Sample ID: SB07-10

Lab Sample ID: 280-18743-6

Client Matrix: Solid

Date Sampled: 08/02/2011 1110

Date Received: 08/02/2011 1805

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-80237	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-79869	Lab File ID:	26a080511.asc
Dilution:	1.0			Initial Weight/Volume:	1.16 g
Analysis Date:	08/05/2011 1700			Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		2.5		1.7
Barium		110		0.86
Cadmium		ND		0.43
Lead		5.8		0.69
Selenium		ND		1.1
Silver		ND		0.86

Analysis Method:	6010B	Analysis Batch:	280-80418	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-79869	Lab File ID:	26a080811.asc
Dilution:	1.0			Initial Weight/Volume:	1.16 g
Analysis Date:	08/08/2011 1508			Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Chromium		4.6		1.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-80840	Instrument ID:	MT_033
Prep Method:	7471A	Prep Batch:	280-79762	Lab File ID:	110810AB.txt
Dilution:	1.0			Initial Weight/Volume:	0.69 g
Analysis Date:	08/10/2011 1545			Final Weight/Volume:	50 mL
Prep Date:	08/10/2011 1055				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Mercury		ND		15

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

General Chemistry

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Client Matrix: Solid

Date Sampled: 08/02/2011 0900

Date Received: 08/02/2011 1805

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	11		%	0.10	1.0	Moisture

Analysis Batch: 280-80056 Analysis Date: 08/05/2011 1405 DryWt Corrected: N

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

General Chemistry

Client Sample ID: SB04-25

Lab Sample ID: 280-18743-2

Client Matrix: Solid

Date Sampled: 08/02/2011 0920

Date Received: 08/02/2011 1805

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	18		%	0.10	1.0	Moisture

Analysis Batch: 280-80056 Analysis Date: 08/05/2011 1405 DryWt Corrected: N

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

General Chemistry

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Client Matrix: Solid

Date Sampled: 08/02/2011 0950

Date Received: 08/02/2011 1805

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	7.2		%	0.10	1.0	Moisture
Analysis Batch: 280-80056		Analysis Date: 08/05/2011 1405		DryWt Corrected: N		

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

General Chemistry

Client Sample ID: SB06-10

Lab Sample ID: 280-18743-4

Client Matrix: Solid

Date Sampled: 08/02/2011 1008

Date Received: 08/02/2011 1805

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	7.6		%	0.10	1.0	Moisture
Analysis Batch: 280-80056		Analysis Date: 08/05/2011 1405		DryWt Corrected: N		

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

General Chemistry

Client Sample ID: SB06-20

Lab Sample ID: 280-18743-5

Client Matrix: Solid

Date Sampled: 08/02/2011 1030

Date Received: 08/02/2011 1805

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	19		%	0.10	1.0	Moisture
Analysis Batch: 280-80056		Analysis Date: 08/05/2011 1405				DryWt Corrected: N

Analytical Data

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

General Chemistry

Client Sample ID: SB07-10

Lab Sample ID: 280-18743-6

Client Matrix: Solid

Date Sampled: 08/02/2011 1110

Date Received: 08/02/2011 1805

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	7.6		%	0.10	1.0	Moisture
Analysis Batch: 280-80056		Analysis Date: 08/05/2011 1405				DryWt Corrected: N

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-18743-2	SB04-25	99	90	103	96
280-18743-3	SB05-10	90	83	95	89
280-18743-5	SB06-20	85	77	88	83
280-18743-6	SB07-10	91	82	95	90
MB 280-80102/1-A		92	85	93	88
LCS 280-80102/2-A		94	89	103	90
280-18743-3 MS	SB05-10 MS	89	85	102	87
280-18743-3 MSD	SB05-10 MSD	89	85	102	88

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	75-121
DCA = 1,2-Dichloroethane-d4 (Surr)	58-140
TOL = Toluene-d8 (Surr)	80-126
BFB = 4-Bromofluorobenzene (Surr)	76-127

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-18743-1	SB04-15	79	76	76	76
280-18743-4	SB06-10	92	89	89	85
MB 280-80514/1-A		95	96	93	87
LCS 280-80514/2-A		90	86	82	78
280-18826-A-2-B MS		102D	110D	761D	511D
280-18826-A-2-C MSD		98D	100D	755D	529D

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	60-133
DCA = 1,2-Dichloroethane-d4 (Surr)	50-139
TOL = Toluene-d8 (Surr)	68-143
BFB = 4-Bromofluorobenzene (Surr)	62-133

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
280-18743-1	SB04-15	68	71	68	71	84	80
280-18743-2	SB04-25	77	78	77	76	85	80
280-18743-3	SB05-10	67	71	69	71	76	78
280-18743-4	SB06-10	62	66	65	71	81	78
280-18743-5	SB06-20	67	70	68	68	81	78
280-18743-6	SB07-10	65	69	65	70	87	80
MB 280-80253/1-A		72	74	71	72	85	82
LCS 280-80253/2-A		70	71	72	73	87	82
280-18743-1 MS	SB04-15 MS	62	68	64	75	90	86
280-18743-1 MSD	SB04-15 MSD	59	62	61	66	81	79

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	53-120
PHL = Phenol-d5	52-120
NBZ = Nitrobenzene-d5	50-120
FBP = 2-Fluorobiphenyl	50-120
TBP = 2,4,6-Tribromophenol	51-120
TPH = Terphenyl-d14	55-120

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
280-18743-1	SB04-15	95
280-18743-2	SB04-25	86
280-18743-3	SB05-10	91
280-18743-4	SB06-10	85
280-18743-5	SB06-20	83
280-18743-6	SB07-10	92
MB 280-79870/3-A		90
LCS 280-79870/1-A		91
LCSD 280-79870/2-A		97
280-18743-6 MS	SB07-10 MS	97
280-18743-6 MSD	SB07-10 MSD	95

Surrogate	Acceptance Limits
TFT = a,a,a-Trifluorotoluene	77-123

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Surrogate Recovery Report

8015B Diesel Range Organics (DRO) (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH1 %Rec
280-18743-1	SB04-15	65
280-18743-2	SB04-25	78
280-18743-3	SB05-10	56
280-18743-4	SB06-10	68
280-18743-5	SB06-20	69
280-18743-6	SB07-10	94
MB 280-79775/1-A		103
MB 280-80003/1-A		82
LCS 280-79775/2-A		94
LCS 280-80003/2-A		86
280-18743-4 MS	SB06-10 MS	76
280-18805-B-6-B MS		192X
280-18743-4 MSD	SB06-10 MSD	68
280-18805-B-6-C MSD		223X

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	49-115

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Method Blank - Batch: 280-80102

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-80102/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 2042
Prep Date: 08/05/2011 1800
Leach Date: N/A

Analysis Batch: 280-80245
Prep Batch: 280-80102
Leach Batch: N/A
Units: ug/Kg

Instrument ID: MSV_J
Lab File ID: J8284.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
cis-1,2-Dichloroethene	ND		2.5
cis-1,3-Dichloropropene	ND		5.0
m-Xylene & p-Xylene	ND		2.5
N-Propylbenzene	ND		5.0
n-Butylbenzene	ND		5.0
o-Xylene	ND		2.5
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
trans-1,2-Dichloroethene	ND		2.5
trans-1,3-Dichloropropene	ND		5.0
Acetone	ND		20
Benzene	ND		5.0
Bromobenzene	ND		5.0
Chlorobromomethane	ND		5.0
Dichlorobromomethane	ND		5.0
Bromoform	ND		5.0
Bromomethane	ND		10
Carbon tetrachloride	ND		5.0
Chlorobenzene	ND		5.0
Chlorodibromomethane	ND		5.0
Chloroethane	ND		10
Chloroform	ND		10
Chloromethane	ND		10
Dibromomethane	ND		5.0
Dichlorodifluoromethane	ND		10
Ethylbenzene	ND		5.0
Hexachlorobutadiene	ND		5.0
Isopropylbenzene	ND		5.0
Methyl tert-butyl ether	ND		20
Methylene Chloride	ND		5.0
Naphthalene	ND		5.0
Styrene	ND		5.0
Tetrachloroethene	ND		5.0
Toluene	ND		5.0
Trichloroethene	ND		5.0
Trichlorofluoromethane	ND		10
Vinyl chloride	ND		5.0
Xylenes, Total	ND		5.0
1,1-Dichloroethane	ND		5.0
1,1-Dichloroethene	ND		5.0
1,1-Dichloropropene	ND		5.0
1,1,1-Trichloroethane	ND		5.0
1,1,1,2-Tetrachloroethane	ND		5.0
1,1,2-Trichloroethane	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Method Blank - Batch: 280-80102

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-80102/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 2042
Prep Date: 08/05/2011 1800
Leach Date: N/A

Analysis Batch: 280-80245
Prep Batch: 280-80102
Leach Batch: N/A
Units: ug/Kg

Instrument ID: MSV_J
Lab File ID: J8284.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,2-Dibromo-3-Chloropropane	ND		10
1,2-Dibromoethane	ND		5.0
1,2-Dichlorobenzene	ND		5.0
1,2-Dichloroethane	ND		5.0
1,2-Dichloroethene, Total	ND		5.0
1,2-Dichloropropane	ND		5.0
1,2,3-Trichlorobenzene	ND		5.0
1,2,3-Trichloropropane	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,2,4-Trimethylbenzene	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,3-Dichloropropane	ND		5.0
1,3,5-Trimethylbenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
2-Butanone (MEK)	ND		20
2-Chlorotoluene	ND		5.0
2-Hexanone	ND		20
2,2-Dichloropropane	ND		5.0
4-Chlorotoluene	ND		5.0
4-Isopropyltoluene	ND		5.0
4-Methyl-2-pentanone (MIBK)	ND		20

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	58 - 140
Toluene-d8 (Surr)	93	80 - 126
4-Bromofluorobenzene (Surr)	88	76 - 127
Dibromofluoromethane (Surr)	92	75 - 121

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Lab Control Sample - Batch: 280-80102

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 280-80102/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1956
Prep Date: 08/05/2011 1800
Leach Date: N/A

Analysis Batch: 280-80245
Prep Batch: 280-80102
Leach Batch: N/A
Units: ug/Kg

Instrument ID: MSV_J
Lab File ID: J8282.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec	Limit	Qual
trans-1,2-Dichloroethene	50.0	56.8	114	80 - 127	
Benzene	50.0	56.9	114	76 - 120	
Dichlorobromomethane	50.0	46.8	94	74 - 125	
Carbon tetrachloride	50.0	50.1	100	69 - 147	
Chlorobenzene	50.0	53.3	107	74 - 120	
Chloroform	50.0	49.4	99	77 - 125	
Ethylbenzene	50.0	55.5	111	78 - 120	
Methylene Chloride	50.0	57.7	115	76 - 137	
Tetrachloroethene	50.0	53.5	107	71 - 120	
Toluene	50.0	55.8	112	72 - 120	
Trichloroethene	50.0	56.5	113	78 - 120	
1,1-Dichloroethane	50.0	53.5	107	74 - 120	
1,1-Dichloroethene	50.0	62.1	124	77 - 143	
1,1,1-Trichloroethane	50.0	47.9	96	67 - 143	
1,2-Dichloropropane	50.0	54.4	109	74 - 120	
1,3-Dichlorobenzene	50.0	55.8	112	74 - 120	
Surrogate			% Rec	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)			89	58 - 140	
Toluene-d8 (Surr)			103	80 - 126	
4-Bromofluorobenzene (Surr)			90	76 - 127	
Dibromofluoromethane (Surr)			94	75 - 121	

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-80102**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-18743-3
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 2354
Prep Date: 08/05/2011 1800
Leach Date: N/A

Analysis Batch: 280-80245
Prep Batch: 280-80102
Leach Batch: N/A

Instrument ID: MSV_J
Lab File ID: J8292.D
Initial Weight/Volume: 5.526 g
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 280-18743-3
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/06/2011 0017
Prep Date: 08/05/2011 1800
Leach Date: N/A

Analysis Batch: 280-80245
Prep Batch: 280-80102
Leach Batch: N/A

Instrument ID: MSV_J
Lab File ID: J8293.D
Initial Weight/Volume: 5.576 g
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
trans-1,2-Dichloroethene	97	96	80 - 127	2	20		
Benzene	100	98	76 - 120	3	20		
Dichlorobromomethane	87	86	74 - 125	2	20		
Carbon tetrachloride	82	80	69 - 147	3	20		
Chlorobenzene	97	96	74 - 120	2	20		
Chloroform	88	87	77 - 125	2	20		
Ethylbenzene	96	98	78 - 120	1	20		
Methylene Chloride	105	105	76 - 137	1	21		
Tetrachloroethene	92	91	71 - 120	2	20		
Toluene	97	95	72 - 120	2	20		
Trichloroethene	100	99	78 - 120	2	20		
1,1-Dichloroethane	93	93	74 - 120	1	20		
1,1-Dichloroethene	101	101	77 - 143	1	20		
1,1,1-Trichloroethane	80	78	67 - 143	3	20		
1,2-Dichloropropane	99	99	74 - 120	1	20		
1,3-Dichlorobenzene	95	96	74 - 120	1	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	85		85	58 - 140			
Toluene-d8 (Surr)	102		102	80 - 126			
4-Bromofluorobenzene (Surr)	87		88	76 - 127			
Dibromofluoromethane (Surr)	89		89	75 - 121			

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-80102**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-18743-3 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 2354
Prep Date: 08/05/2011 1800
Leach Date: N/A

MSD Lab Sample ID: 280-18743-3
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/06/2011 0017
Prep Date: 08/05/2011 1800
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
trans-1,2-Dichloroethene	ND	48.8	48.3	47.3	46.4
Benzene	ND	48.8	48.3	48.6	47.3
Dichlorobromomethane	ND	48.8	48.3	42.6	41.6
Carbon tetrachloride	ND	48.8	48.3	40.1	38.8
Chlorobenzene	ND	48.8	48.3	47.4	46.6
Chloroform	ND	48.8	48.3	42.9	42.0
Ethylbenzene	ND	48.8	48.3	47.0	47.3
Methylene Chloride	ND	48.8	48.3	51.4	50.8
Tetrachloroethene	ND	48.8	48.3	44.9	44.0
Toluene	ND	48.8	48.3	47.1	46.0
Trichloroethene	ND	48.8	48.3	49.0	47.9
1,1-Dichloroethane	ND	48.8	48.3	45.6	45.0
1,1-Dichloroethene	ND	48.8	48.3	49.5	48.8
1,1,1-Trichloroethane	ND	48.8	48.3	38.8	37.9
1,2-Dichloropropane	ND	48.8	48.3	48.1	47.8
1,3-Dichlorobenzene	ND	48.8	48.3	46.1	46.5

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Method Blank - Batch: 280-80514

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-80514/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/10/2011 1050
Prep Date: 08/09/2011 1357
Leach Date: N/A

Analysis Batch: 280-80860
Prep Batch: 280-80514
Leach Batch: N/A
Units: ug/Kg

Instrument ID: MSV_P
Lab File ID: P0898 D
Initial Weight/Volume: 5.010 g
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
cis-1,2-Dichloroethene	ND		120
cis-1,3-Dichloropropene	ND		250
m-Xylene & p-Xylene	ND		250
N-Propylbenzene	ND		250
n-Butylbenzene	ND		250
o-Xylene	ND		120
sec-Butylbenzene	ND		250
tert-Butylbenzene	ND		250
trans-1,2-Dichloroethene	ND		120
trans-1,3-Dichloropropene	ND		250
Acetone	ND		1000
Benzene	ND		250
Bromobenzene	ND		250
Chlorobromomethane	ND		250
Dichlorobromomethane	ND		250
Bromoform	ND		250
Bromomethane	ND		500
Carbon tetrachloride	ND		250
Chlorobenzene	ND		250
Chlorodibromomethane	ND		250
Chloroethane	ND		500
Chloroform	ND		250
Chloromethane	ND		500
Dibromomethane	ND		250
Dichlorodifluoromethane	ND		500
Ethylbenzene	ND		250
Hexachlorobutadiene	ND		250
Isopropylbenzene	ND		250
Methyl tert-butyl ether	ND		250
Methylene Chloride	ND		250
Naphthalene	ND		500
Styrene	ND		250
Tetrachloroethene	ND		250
Toluene	ND		250
Trichloroethene	ND		250
Trichlorofluoromethane	ND		500
Vinyl chloride	ND		500
Xylenes, Total	ND		250
1,1-Dichloroethane	ND		250
1,1-Dichloroethene	ND		250
1,1-Dichloropropene	ND		250
1,1,1-Trichloroethane	ND		250
1,1,1,2-Tetrachloroethane	ND		250
1,1,2-Trichloroethane	ND		250
1,1,2,2-Tetrachloroethane	ND		250

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Method Blank - Batch: 280-80514

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-80514/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/10/2011 1050
Prep Date: 08/09/2011 1357
Leach Date: N/A

Analysis Batch: 280-80860
Prep Batch: 280-80514
Leach Batch: N/A
Units: ug/Kg

Instrument ID: MSV_P
Lab File ID: P0898.D
Initial Weight/Volume: 5.010 g
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
1,2-Dibromo-3-Chloropropane	ND		500
1,2-Dibromoethane	ND		250
1,2-Dichlorobenzene	ND		250
1,2-Dichloroethane	ND		250
1,2-Dichloroethene, Total	ND		250
1,2-Dichloropropane	ND		250
1,2,3-Trichlorobenzene	ND		250
1,2,3-Trichloropropane	ND		250
1,2,4-Trichlorobenzene	ND		250
1,2,4-Trimethylbenzene	ND		250
1,3-Dichlorobenzene	ND		250
1,3-Dichloropropane	ND		250
1,3,5-Trimethylbenzene	ND		250
1,4-Dichlorobenzene	ND		250
2-Butanone (MEK)	ND		1000
2-Chlorotoluene	ND		250
2-Hexanone	ND		1000
2,2-Dichloropropane	ND		250
4-Chlorotoluene	ND		250
4-Isopropyltoluene	ND		250
4-Methyl-2-pentanone (MIBK)	ND		1000
Surrogate	% Rec	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96	50 - 139	
Toluene-d8 (Surr)	93	68 - 143	
4-Bromofluorobenzene (Surr)	87	62 - 133	
Dibromofluoromethane (Surr)	95	60 - 133	

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Lab Control Sample - Batch: 280-80514

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-80514/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/10/2011 1503
Prep Date: 08/09/2011 1357
Leach Date: N/A

Analysis Batch: 280-80860
Prep Batch: 280-80514
Leach Batch: N/A
Units: ug/Kg

Instrument ID: MSV_P
Lab File ID: P0910.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 1000 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,2-Dichloroethene	2000	2200	110	71 - 119	
Benzene	2000	2130	106	67 - 125	
Dichlorobromomethane	2000	2130	107	67 - 122	
Carbon tetrachloride	2000	2200	110	60 - 137	
Chlorobenzene	2000	2030	101	72 - 124	
Chloroform	2000	2100	105	69 - 122	
Ethylbenzene	2000	2130	106	73 - 127	
Methylene Chloride	2000	2170	109	49 - 126	
Tetrachloroethene	2000	2260	113	73 - 131	
Toluene	2000	2100	105	71 - 127	
Trichloroethene	2000	2170	108	70 - 125	
1,1-Dichloroethane	2000	2090	105	66 - 121	
1,1-Dichloroethene	2000	2420	121	62 - 125	
1,1,1-Trichloroethane	2000	2080	104	65 - 129	
1,2-Dichloropropane	2000	2030	101	66 - 119	
1,3-Dichlorobenzene	2000	1990	99	74 - 119	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	86		50 - 139		
Toluene-d8 (Surr)	82		68 - 143		
4-Bromofluorobenzene (Surr)	78		62 - 133		
Dibromofluoromethane (Surr)	90		60 - 133		

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-80514**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-18826-A-2-B MS
Client Matrix: Solid
Dilution: 25
Analysis Date: 08/10/2011 1708
Prep Date: 08/09/2011 1357
Leach Date: N/A

Analysis Batch: 280-80860
Prep Batch: 280-80514
Leach Batch: N/A

Instrument ID: MSV_P
Lab File ID: P0916.D
Initial Weight/Volume: 5.020 g
Final Weight/Volume: 1000 mL

MSD Lab Sample ID: 280-18826-A-2-C MSD
Client Matrix: Solid
Dilution: 25
Analysis Date: 08/10/2011 1729
Prep Date: 08/09/2011 1357
Leach Date: N/A

Analysis Batch: 280-80860
Prep Batch: 280-80514
Leach Batch: N/A

Instrument ID: MSV_P
Lab File ID: P0917.D
Initial Weight/Volume: 5.022 g
Final Weight/Volume: 1000 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
trans-1,2-Dichloroethene	108	103	71 - 119	5	25	D	D
Benzene	108	104	67 - 125	4	20	D	D
Dichlorobromomethane	70	88	67 - 122	23	23	D	D
Carbon tetrachloride	102	97	60 - 137	6	21	D	D
Chlorobenzene	106	104	72 - 124	1	20	D	D
Chloroform	103	98	69 - 122	5	20	D	D
Ethylbenzene	102	98	73 - 127	2	20	D	D
Methylene Chloride	115	113	49 - 126	2	22	D	D
Tetrachloroethene	105	102	73 - 131	3	20	D	D
Toluene	80	78	71 - 127	1	20	D	D
Trichloroethene	103	109	70 - 125	6	20	D	D
1,1-Dichloroethane	99	97	66 - 121	2	25	D	D
1,1-Dichloroethene	115	115	62 - 125	0	29	D	D
1,1,1-Trichloroethane	99	95	65 - 129	4	20	D	D
1,2-Dichloropropane	171	161	66 - 119	6	22	D	D
1,3-Dichlorobenzene	92	91	74 - 119	2	20	D	D

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	D	100	D	50 - 139
Toluene-d8 (Surr)	761	D	755	D	68 - 143
4-Bromofluorobenzene (Surr)	511	D	529	D	62 - 133
Dibromofluoromethane (Surr)	102	D	98	D	60 - 133

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-80514

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 280-18826-A-2-B MS Units: ug/Kg
Client Matrix: Solid
Dilution: 25
Analysis Date: 08/10/2011 1708
Prep Date: 08/09/2011 1357
Leach Date: N/A

MSD Lab Sample ID: 280-18826-A-2-C MSD
Client Matrix: Solid
Dilution: 25
Analysis Date: 08/10/2011 1729
Prep Date: 08/09/2011 1357
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
trans-1,2-Dichloroethene	ND	2220	2220	ND D	ND D
Benzene	ND	2220	2220	ND D	ND D
Dichlorobromomethane	ND	2220	2220	ND D	ND D
Carbon tetrachloride	ND	2220	2220	ND D	ND D
Chlorobenzene	ND	2220	2220	ND D	ND D
Chloroform	ND	2220	2220	ND D	ND D
Ethylbenzene	ND	2220	2220	ND D	ND D
Methylene Chloride	ND	2220	2220	ND D	ND D
Tetrachloroethene	ND	2220	2220	ND D	ND D
Toluene	7000	2220	2220	8830 D	8780 D
Trichloroethene	ND	2220	2220	ND D	ND D
1,1-Dichloroethane	ND	2220	2220	ND D	ND D
1,1-Dichloroethene	ND	2220	2220	ND D	ND D
1,1,1-Trichloroethane	ND	2220	2220	ND D	ND D
1,2-Dichloropropane	ND	2220	2220	ND D	ND D
1,3-Dichlorobenzene	ND	2220	2220	ND D	ND D

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Method Blank - Batch: 280-80253

Method: 8270C
Preparation: 3550C

Lab Sample ID: MB 280-80253/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/09/2011 1333
Prep Date: 08/08/2011 1024
Leach Date: N/A

Analysis Batch: 280-80602
Prep Batch: 280-80253
Leach Batch: N/A
Units: ug/Kg

Instrument ID: MSS_B
Lab File ID: B6268.D
Initial Weight/Volume: 30.0 g
Final Weight/Volume: 1000 uL
Injection Volume: 0.5 uL

Analyte	Result	Qual	RL
Acenaphthene	ND		330
Acenaphthylene	ND		330
Acetophenone	ND		330
Aniline	ND		330
Anthracene	ND		330
Aramite, Total	ND		300
Benzo[a]anthracene	ND		330
Benzo[a]pyrene	ND		330
Benzo[b]fluoranthene	ND		330
Benzo[g,h,i]perylene	ND		330
Benzo[k]fluoranthene	ND		330
Benzyl alcohol	ND		330
Bis(2-chloroethoxy)methane	ND		330
Bis(2-chloroethyl)ether	ND		330
Bis(2-ethylhexyl) phthalate	ND		330
Butyl benzyl phthalate	ND		330
Chrysene	ND		330
Diallate	ND		190
Dibenz(a,h)anthracene	ND		330
Dibenzofuran	ND		330
Diethyl phthalate	ND		660
Di-n-butyl phthalate	ND		330
Di-n-octyl phthalate	ND		330
Dimethoate	ND		660
Dimethyl phthalate	ND		330
Diphenylamine	ND		330
Disulfoton	ND		1600
Ethyl methanesulfonate	ND		330
Fluoranthene	ND		330
Fluorene	ND		330
Hexachlorobenzene	ND		330
Hexachlorobutadiene	ND		330
Hexachlorocyclopentadiene	ND		1600
Hexachloroethane	ND		330
Hexachloropropene	ND		3300
Indeno[1,2,3-cd]pyrene	ND		330
Isophorone	ND		330
Isodrin	ND		330
Isosafrole	ND		120
Methapyrilene	ND		1600
Methyl methanesulfonate	ND		330
Methyl parathion	ND		1600
Naphthalene	ND		330
Nitrobenzene	ND		330
N-Nitrosodiethylamine	ND		330

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Method Blank - Batch: 280-80253

Method: 8270C
Preparation: 3550C

Lab Sample ID: MB 280-80253/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/09/2011 1333
Prep Date: 08/08/2011 1024
Leach Date: N/A

Analysis Batch: 280-80602
Prep Batch: 280-80253
Leach Batch: N/A
Units: ug/Kg

Instrument ID: MSS_B
Lab File ID: B6268.D
Initial Weight/Volume: 30.0 g
Final Weight/Volume: 1000 uL
Injection Volume: 0.5 uL

Analyte	Result	Qual	RL
N-Nitrosodimethylamine	ND		330
N-Nitrosodi-n-butylamine	ND		330
N-Nitrosodi-n-propylamine	ND		330
n-Nitrosodiphenylamine(as diphenylamine)	ND		330
N-Nitrosomethylethylamine	ND		330
N-Nitrosomorpholine	ND		330
N-Nitrosopiperidine	ND		330
N-Nitrosopyrrolidine	ND		330
Pentachlorobenzene	ND		330
Pentachloroethane	ND		1600
Pentachloronitrobenzene	ND		1600
Pentachlorophenol	ND		1600
Phenacetin	ND		660
Phenanthrene	ND		330
Phenol	ND		330
Phorate	ND		1600
Pronamide	ND		330
Pyrene	ND		330
Pyridine	ND		660
Thionazin	ND		1600
Ethyl Parathion	ND		1600
1,2,4,5-Tetrachlorobenzene	ND		330
1,2,4-Trichlorobenzene	ND		330
1,2-Dichlorobenzene	ND		330
1,3-Dichlorobenzene	ND		330
1,4-Dichlorobenzene	ND		330
1,3,5-Trinitrobenzene	ND		1600
2,4-Dinitrophenol	ND		1600
2,4-Dinitrotoluene	ND		330
2,3,4,6-Tetrachlorophenol	ND		1600
2,4,5-Trichlorophenol	ND		330
2,4,6-Trichlorophenol	ND		330
2,4-Dichlorophenol	ND		330
2,4-Dimethylphenol	ND		330
2,6-Dichlorophenol	ND		330
1,3-Dinitrobenzene	ND		330
2-Chloronaphthalene	ND		330
2-Chlorophenol	ND		330
2-Acetylaminofluorene	ND		3300
2,6-Dinitrotoluene	ND		330
2-Methylnaphthalene	ND		330
2-Methylphenol	ND		330
2-Nitroaniline	ND		1600
2-Nitrophenol	ND		330
2-Toluidine	ND		660

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Method Blank - Batch: 280-80253

Method: 8270C
Preparation: 3550C

Lab Sample ID: MB 280-80253/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/09/2011 1333
Prep Date: 08/08/2011 1024
Leach Date: N/A

Analysis Batch: 280-80602
Prep Batch: 280-80253
Leach Batch: N/A
Units: ug/Kg

Instrument ID: MSS_B
Lab File ID: B6268.D
Initial Weight/Volume: 30.0 g
Final Weight/Volume: 1000 uL
Injection Volume: 0.5 uL

Analyte	Result	Qual	RL
3 & 4 Methylphenol	ND		330
3,3'-Dichlorobenzidine	ND		660
1,4-Naphthoquinone	ND		1600
1-Naphthylamine	ND		330
2-Picoline	ND		660
4,6-Dinitro-2-methylphenol	ND		1600
3,3'-Dimethylbenzidine	ND		660
4-Bromophenyl phenyl ether	ND		330
4-Chloro-3-methylphenol	ND		330
4-Chloroaniline	ND		330
4-Chlorophenyl phenyl ether	ND		330
4-Nitroaniline	ND		1600
4-Nitrophenol	ND		1600
4-Nitroquinoline-1-oxide	ND		3300
3-Methylcholanthrene	ND		660
2-Naphthylamine	ND		330
3-Nitroaniline	ND		1600
4-Aminobiphenyl	ND		1600
Ethyl 4,4'-Dichlorobenzilate	ND		330
7,12-Dimethylbenz(a)anthracene	ND		660
5-Nitro-o-toluidine	ND		660

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	72	53 - 120
Phenol-d5	74	52 - 120
Nitrobenzene-d5	71	50 - 120
2-Fluorobiphenyl	72	50 - 120
2,4,6-Tribromophenol	85	51 - 120
Terphenyl-d14	82	55 - 120

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Lab Control Sample - Batch: 280-80253

Method: 8270C
Preparation: 3550C

Lab Sample ID: LCS 280-80253/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/09/2011 1354
Prep Date: 08/08/2011 1024
Leach Date: N/A

Analysis Batch: 280-80602
Prep Batch: 280-80253
Leach Batch: N/A
Units: ug/Kg

Instrument ID: MSS_B
Lab File ID: B6269.D
Initial Weight/Volume: 31.7 g
Final Weight/Volume: 1000 uL
Injection Volume: 0.5 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	2520	1900	75	52 - 120	
Anthracene	2520	2040	81	57 - 120	
N-Nitrosodi-n-propylamine	2520	1650	65	51 - 120	
Pentachlorophenol	2520	1970	78	30 - 120	
Phenol	2520	1790	71	54 - 120	
Pyrene	2520	2030	80	50 - 120	
1,2,4-Trichlorobenzene	2520	1680	67	50 - 120	
1,4-Dichlorobenzene	2520	1690	67	46 - 120	
2,4-Dinitrotoluene	2520	2160	86	53 - 120	
2,4,6-Trichlorophenol	2520	2030	80	50 - 120	
2-Chlorophenol	2520	1810	72	53 - 120	
2-Methylnaphthalene	2520	1770	70	55 - 120	
2-Methylphenol	2520	1730	68	51 - 120	
4-Chloro-3-methylphenol	2520	1940	77	57 - 120	
4-Nitrophenol	2520	2130	84	41 - 120	
Surrogate	% Rec		Acceptance Limits		
2-Fluorophenol	70		53 - 120		
Phenol-d5	71		52 - 120		
Nitrobenzene-d5	72		50 - 120		
2-Fluorobiphenyl	73		50 - 120		
2,4,6-Tribromophenol	87		51 - 120		
Terphenyl-d14	82		55 - 120		

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-80253

Method: 8270C
Preparation: 3550C

MS Lab Sample ID: 280-18743-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/09/2011 1927
Prep Date: 08/08/2011 1024
Leach Date: N/A

Analysis Batch: 280-80602
Prep Batch: 280-80253
Leach Batch: N/A

Instrument ID: MSS_B
Lab File ID: B6285.D
Initial Weight/Volume: 30.4 g
Final Weight/Volume: 1000 µL
Injection Volume: 0.5 µL

MSD Lab Sample ID: 280-18743-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/09/2011 1947
Prep Date: 08/08/2011 1024
Leach Date: N/A

Analysis Batch: 280-80602
Prep Batch: 280-80253
Leach Batch: N/A

Instrument ID: MSS_B
Lab File ID: B6286.D
Initial Weight/Volume: 32.0 g
Final Weight/Volume: 1000 µL
Injection Volume: 0.5 µL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Acenaphthene	79	71	52 - 120	16	30		
Anthracene	87	79	57 - 120	15	30		
N-Nitrosodi-n-propylamine	64	58	51 - 120	15	30		
Pentachlorophenol	50	77	30 - 120	38	30		F
Phenol	66	62	54 - 120	11	30		
Pyrene	87	81	50 - 120	12	38		
1,2,4-Trichlorobenzene	60	57	50 - 120	10	30		
1,4-Dichlorobenzene	57	57	46 - 120	5	30		
2,4-Dinitrotoluene	89	82	53 - 120	13	30		
2,4,6-Trichlorophenol	87	79	50 - 120	15	30		
2-Chlorophenol	65	63	53 - 120	9	30		
2-Methylnaphthalene	71	63	55 - 120	16	30		
2-Methylphenol	67	62	51 - 120	12	30		
4-Chloro-3-methylphenol	83	76	57 - 120	14	30		
4-Nitrophenol	84	81	41 - 120	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorophenol	62	59	53 - 120
Phenol-d5	68	62	52 - 120
Nitrobenzene-d5	64	61	50 - 120
2-Fluorobiphenyl	75	66	50 - 120
2,4,6-Tribromophenol	90	81	51 - 120
Terphenyl-d14	86	79	55 - 120

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-80253

Method: 8270C

Preparation: 3550C

MS Lab Sample ID: 280-18743-1 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 08/09/2011 1927
 Prep Date: 08/08/2011 1024
 Leach Date: N/A

MSD Lab Sample ID: 280-18743-1
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 08/09/2011 1947
 Prep Date: 08/08/2011 1024
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Acenaphthene	ND	2970	2820	2340	2000
Anthracene	ND	2970	2820	2580	2230
N-Nitrosodi-n-propylamine	ND	2970	2820	1910	1640
Pentachlorophenol	ND	2970	2820	ND	2160
Phenol	ND	2970	2820	1990	1780
Pyrene	ND	2970	2820	2570	2280
1,2,4-Trichlorobenzene	ND	2970	2820	1780	1610
1,4-Dichlorobenzene	ND	2970	2820	1690	1600
2,4-Dinitrotoluene	ND	2970	2820	2640	2320
2,4,6-Trichlorophenol	ND	2970	2820	2580	2220
2-Chlorophenol	ND	2970	2820	1930	1760
2-Methylnaphthalene	ND	2970	2820	2300	1950
2-Methylphenol	ND	2970	2820	1980	1750
4-Chloro-3-methylphenol	ND	2970	2820	2480	2140
4-Nitrophenol	ND	2970	2820	2480	2290

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Method Blank - Batch: 280-79870

Method: 8015B
Preparation: 5030B

Lab Sample ID:	MB 280-79870/3-A	Analysis Batch:	280-80294	Instrument ID:	GCV_L
Client Matrix:	Solid	Prep Batch:	280-79870	Lab File ID:	110F0601.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.35 g
Analysis Date:	08/05/2011 1446	Units:	mg/Kg	Final Weight/Volume:	500 mL
Prep Date:	08/04/2011 1431			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	RL
Gasoline Range Organics (GRO)-C6-C10	ND		1.2
Surrogate	% Rec	Acceptance Limits	
a,a,a-Trifluorotoluene	90	77 - 123	

Lab Control Sample/ Lab Control Sample Duplicate Recovery Report - Batch: 280-79870

Method: 8015B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-79870/1-A	Analysis Batch:	280-80294	Instrument ID:	GCV_L
Client Matrix:	Solid	Prep Batch:	280-79870	Lab File ID:	108F0401.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.34 g
Analysis Date:	08/05/2011 1331	Units:	mg/Kg	Final Weight/Volume:	500 mL
Prep Date:	08/04/2011 1431			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 280-79870/2-A	Analysis Batch:	280-80294	Instrument ID:	GCV_L
Client Matrix:	Solid	Prep Batch:	280-79870	Lab File ID:	109F0501.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.19 g
Analysis Date:	08/05/2011 1409	Units:	mg/Kg	Final Weight/Volume:	500 mL
Prep Date:	08/04/2011 1431			Injection Volume:	5 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Gasoline Range Organics (GRO)-C6-C10	98	102	85 - 153	5	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
a,a,a-Trifluorotoluene	91		97	77 - 123			

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-79870**

**Method: 8015B
Preparation: 5030B**

LCS Lab Sample ID: LCS 280-79870/1-A Units: mg/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1331
Prep Date: 08/04/2011 1431
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-79870/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1409
Prep Date: 08/04/2011 1431
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Gasoline Range Organics (GRO)-C6-C10	5.32	5.40	5.23	5.48

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-79870**

**Method: 8015B
Preparation: 5030B**

MS Lab Sample ID: 280-18743-6
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1948
Prep Date: 08/04/2011 1431
Leach Date: N/A

Analysis Batch: 280-80294
Prep Batch: 280-79870
Leach Batch: N/A

Instrument ID: GCV_L
Lab File ID: 118F1401.D
Initial Weight/Volume: 10.32 g
Final Weight/Volume: 500 mL
Injection Volume: 5 mL
Column ID: PRIMARY

MSD Lab Sample ID: 280-18743-6
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 2103
Prep Date: 08/04/2011 1431
Leach Date: N/A

Analysis Batch: 280-80294
Prep Batch: 280-79870
Leach Batch: N/A

Instrument ID: GCV_L
Lab File ID: 120F1601.D
Initial Weight/Volume: 10.04 g
Final Weight/Volume: 500 mL
Injection Volume: 5 mL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Gasoline Range Organics (GRO)-C6-C10	93	95	85 - 153	4	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
a,a,a-Trifluorotoluene	97		95	77 - 123			

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-79870**

**Method: 8015B
Preparation: 5030B**

MS Lab Sample ID: 280-18743-6 Units: mg/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1948
Prep Date: 08/04/2011 1431
Leach Date: N/A

MSD Lab Sample ID: 280-18743-6
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 2103
Prep Date: 08/04/2011 1431
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Gasoline Range Organics (GRO)-C6-C10	ND	5.76	5.93	5.88	6.14

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Method Blank - Batch: 280-79775

Method: 8015B
Preparation: 3546

Lab Sample ID:	MB 280-79775/1-A	Analysis Batch:	280-80462	Instrument ID:	GCS_U2
Client Matrix:	Solid	Prep Batch:	280-79775	Lab File ID:	017F1701.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.0 g
Analysis Date:	08/05/2011 1912	Units:	mg/Kg	Final Weight/Volume:	1000 uL
Prep Date:	08/04/2011 1320			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	RL
Motor Oil Range Organics (C25-C36)	ND		12
Diesel Range Organics [C10-C25]	ND		4.0

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	103	49 - 115

Lab Control Sample - Batch: 280-79775

Method: 8015B
Preparation: 3546

Lab Sample ID:	LCS 280-79775/2-A	Analysis Batch:	280-80462	Instrument ID:	GCS_U2
Client Matrix:	Solid	Prep Batch:	280-79775	Lab File ID:	018F1801.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.2 g
Analysis Date:	08/05/2011 1945	Units:	mg/Kg	Final Weight/Volume:	1000 uL
Prep Date:	08/04/2011 1320			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10-C25]	66.2	60.7	92	53 - 115	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	94	49 - 115

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-79775

Method: 8015B

Preparation: 3546

MS Lab Sample ID:	280-18743-4	Analysis Batch:	280-80462	Instrument ID:	GCS_U2
Client Matrix:	Solid	Prep Batch:	280-79775	Lab File ID:	023F2301.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.7 g
Analysis Date:	08/05/2011 2231			Final Weight/Volume:	1000 uL
Prep Date:	08/04/2011 1320			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	280-18743-4	Analysis Batch:	280-80462	Instrument ID:	GCS_U2
Client Matrix:	Solid	Prep Batch:	280-79775	Lab File ID:	024F2401.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	31.6 g
Analysis Date:	08/05/2011 2303			Final Weight/Volume:	1000 uL
Prep Date:	08/04/2011 1320			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C25]	107	119	56 - 115	4	23		F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
o-Terphenyl	76		68	49 - 115			

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-79775

Method: 8015B

Preparation: 3546

MS Lab Sample ID:	280-18743-4	Units:	mg/Kg	MSD Lab Sample ID:	280-18743-4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	08/05/2011 2231			Analysis Date:	08/05/2011 2303
Prep Date:	08/04/2011 1320			Prep Date:	08/04/2011 1320
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Diesel Range Organics [C10-C25]	79	70.5	68.5	154	160 F

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Method Blank - Batch: 280-80003

Method: 8015B
Preparation: 3546

Lab Sample ID:	MB 280-80003/1-A	Analysis Batch:	280-80540	Instrument ID:	GCS_U
Client Matrix:	Solid	Prep Batch:	280-80003	Lab File ID:	010B1001.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.1 g
Analysis Date:	08/08/2011 1719	Units:	mg/Kg	Final Weight/Volume:	1000 uL
Prep Date:	08/05/2011 1007			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	RL
Motor Oil Range Organics (C25-C36)	ND		12
Diesel Range Organics [C10-C25]	ND		4.0

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	82	49 - 115

Lab Control Sample - Batch: 280-80003

Method: 8015B
Preparation: 3546

Lab Sample ID:	LCS 280-80003/2-A	Analysis Batch:	280-80540	Instrument ID:	GCS_U
Client Matrix:	Solid	Prep Batch:	280-80003	Lab File ID:	011B1101.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.9 g
Analysis Date:	08/08/2011 1747	Units:	mg/Kg	Final Weight/Volume:	1000 uL
Prep Date:	08/05/2011 1007			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10-C25]	64.7	59.6	92	53 - 115	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	86	49 - 115

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-80003

Method: 8015B
Preparation: 3546

MS Lab Sample ID: 280-18805-B-6-B MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/08/2011 1911
Prep Date: 08/05/2011 1007
Leach Date: N/A

Analysis Batch: 280-80540
Prep Batch: 280-80003
Leach Batch: N/A

Instrument ID: GCS_U
Lab File ID: 014B1401.D
Initial Weight/Volume: 30.3 g
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL
Column ID: PRIMARY

MSD Lab Sample ID: 280-18805-B-6-C MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/08/2011 1939
Prep Date: 08/05/2011 1007
Leach Date: N/A

Analysis Batch: 280-80540
Prep Batch: 280-80003
Leach Batch: N/A

Instrument ID: GCS_U
Lab File ID: 015B1501.D
Initial Weight/Volume: 31.3 g
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C25]	140	181	56 - 115	9	23	F	F
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
o-Terphenyl		192	X	223	X	49 - 115	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-80003

Method: 8015B
Preparation: 3546

MS Lab Sample ID: 280-18805-B-6-B MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/08/2011 1911
Prep Date: 08/05/2011 1007
Leach Date: N/A

Units: mg/Kg

MSD Lab Sample ID: 280-18805-B-6-C MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/08/2011 1939
Prep Date: 08/05/2011 1007
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Diesel Range Organics [C10-C25]	220	87.6	84.8	344 F	375 F

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Method Blank - Batch: 280-79869

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 280-79869/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1627
Prep Date: 08/05/2011 0730
Leach Date: N/A

Analysis Batch: 280-80237
Prep Batch: 280-79869
Leach Batch: N/A
Units: mg/Kg

Instrument ID: MT_026
Lab File ID: 26a080511.asc
Initial Weight/Volume: 1 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	RL
Arsenic	ND		2.0
Barium	ND		1.0
Cadmium	ND		0.50
Chromium	ND		1.5
Lead	ND		0.80
Selenium	ND		1.3
Silver	ND		1.0

Lab Control Sample - Batch: 280-79869

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 280-79869/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1629
Prep Date: 08/05/2011 0730
Leach Date: N/A

Analysis Batch: 280-80237
Prep Batch: 280-79869
Leach Batch: N/A
Units: mg/Kg

Instrument ID: MT_026
Lab File ID: 26a080511.asc
Initial Weight/Volume: 1 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Arsenic	100	94.6	95	85 - 110	
Barium	200	194	97	87 - 112	
Cadmium	10.0	9.40	94	87 - 110	
Chromium	20.0	17.9	90	84 - 114	
Lead	50.0	46.8	94	86 - 110	
Selenium	200	185	93	83 - 110	
Silver	5.00	4.43	89	87 - 114	

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-79869**

**Method: 6010B
Preparation: 3050B**

MS Lab Sample ID: 280-18743-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1636
Prep Date: 08/05/2011 0730
Leach Date: N/A

Analysis Batch: 280-80237
Prep Batch: 280-79869
Leach Batch: N/A

Instrument ID: MT_026
Lab File ID: 26a080511.asc
Initial Weight/Volume: 1.13 g
Final Weight/Volume: 100 mL

MSD Lab Sample ID: 280-18743-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1639
Prep Date: 08/05/2011 0730
Leach Date: N/A

Analysis Batch: 280-80237
Prep Batch: 280-79869
Leach Batch: N/A

Instrument ID: MT_026
Lab File ID: 26a080511.asc
Initial Weight/Volume: 1.15 g
Final Weight/Volume: 100 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	86	86	76 - 111	1	20		
Barium	104	109	52 - 159	2	20		
Cadmium	86	86	40 - 130	1	20		
Chromium	100	105	70 - 200	2	20		
Lead	84	85	70 - 200	0	20		
Selenium	84	84	76 - 104	1	20		
Silver	81	82	75 - 141	1	20		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-79869**

**Method: 6010B
Preparation: 3050B**

MS Lab Sample ID: 280-18743-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1636
Prep Date: 08/05/2011 0730
Leach Date: N/A

Units: mg/Kg

MSD Lab Sample ID: 280-18743-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/05/2011 1639
Prep Date: 08/05/2011 0730
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Arsenic	1.8	88.5	87.0	77.9	76.9
Barium	94	177	174	277	284
Cadmium	ND	8.85	8.70	7.71	7.61
Chromium	7.9	17.7	17.4	25.6	26.1
Lead	5.3	44.2	43.5	42.5	42.3
Selenium	ND	177	174	148	147
Silver	ND	4.42	4.35	3.57	3.55

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Serial Dilution - Batch: 280-79869

Method: 6010B
Preparation: 3050B

Lab Sample ID:	280-18743-1	Analysis Batch:	280-80237	Instrument ID:	MT_026
Client Matrix:	Solid	Prep Batch:	280-79869	Lab File ID:	26a080511.asc
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	1.11 g
Analysis Date:	08/05/2011 1634	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	08/05/2011 0730				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Arsenic	1.8	ND	NC	10	
Barium	94	103	10	10	
Cadmium	ND	ND	NC	10	
Chromium	7.9	8.64	9.8	10	
Lead	5.3	6.70	NC	10	
Selenium	ND	ND	NC	10	
Silver	ND	ND	NC	10	

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Method Blank - Batch: 280-79762

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 280-79762/1-A	Analysis Batch:	280-80840	Instrument ID:	MT_033
Client Matrix:	Solid	Prep Batch:	280-79762	Lab File ID:	110810AB.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.6 g
Analysis Date:	08/10/2011 1520	Units:	ug/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/10/2011 1055				
Leach Date:	N/A				

Analyte	Result	Qual	RL
Mercury	ND		17

Lab Control Sample - Batch: 280-79762

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCS 280-79762/2-A	Analysis Batch:	280-80840	Instrument ID:	MT_033
Client Matrix:	Solid	Prep Batch:	280-79762	Lab File ID:	110810AB.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.6 g
Analysis Date:	08/10/2011 1522	Units:	ug/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/10/2011 1055				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	417	463	111	87 - 111	

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-79762

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	280-18743-2	Analysis Batch:	280-80840	Instrument ID:	MT_033
Client Matrix:	Solid	Prep Batch:	280-79762	Lab File ID:	110810AB.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.63 g
Analysis Date:	08/10/2011 1529			Final Weight/Volume:	50 mL
Prep Date:	08/10/2011 1055				
Leach Date:	N/A				

MSD Lab Sample ID:	280-18743-2	Analysis Batch:	280-80840	Instrument ID:	MT_033
Client Matrix:	Solid	Prep Batch:	280-79762	Lab File ID:	110810AB.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.65 g
Analysis Date:	08/10/2011 1531			Final Weight/Volume:	50 mL
Prep Date:	08/10/2011 1055				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Mercury	95	99	87 - 111	0	20		

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-79762**

**Method: 7471A
Preparation: 7471A**

MS Lab Sample ID: 280-18743-2 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/10/2011 1529
Prep Date: 08/10/2011 1055
Leach Date: N/A

MSD Lab Sample ID: 280-18743-2
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 08/10/2011 1531
Prep Date: 08/10/2011 1055
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	40	397	385	418	419

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Duplicate - Batch: 280-80056

**Method: Moisture
Preparation: N/A**

Lab Sample ID:	280-18832-A-6 DU	Analysis Batch:	280-80056	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	08/05/2011 1405	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	18	18	0.5	20	

DATA REPORTING QUALIFIERS

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Lab Section	Qualifier	Description
GC/MS VOA		
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
GC/MS Semi VOA		
	F	MS or MSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits
GC Semi VOA		
	F	MS or MSD exceeds the control limits
	X	Surrogate is outside control limits

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 280-80102					
LCS 280-80102/2-A	Lab Control Sample	T	Solid	5030B	
MB 280-80102/1-A	Method Blank	T	Solid	5030B	
280-18743-2	SB04-25	T	Solid	5030B	
280-18743-3	SB05-10	T	Solid	5030B	
280-18743-3MS	Matrix Spike	T	Solid	5030B	
280-18743-3MSD	Matrix Spike Duplicate	T	Solid	5030B	
280-18743-5	SB06-20	T	Solid	5030B	
280-18743-6	SB07-10	T	Solid	5030B	
Analysis Batch:280-80245					
LCS 280-80102/2-A	Lab Control Sample	T	Solid	8260B	280-80102
MB 280-80102/1-A	Method Blank	T	Solid	8260B	280-80102
280-18743-2	SB04-25	T	Solid	8260B	280-80102
280-18743-3	SB05-10	T	Solid	8260B	280-80102
280-18743-3MS	Matrix Spike	T	Solid	8260B	280-80102
280-18743-3MSD	Matrix Spike Duplicate	T	Solid	8260B	280-80102
280-18743-5	SB06-20	T	Solid	8260B	280-80102
280-18743-6	SB07-10	T	Solid	8260B	280-80102
Prep Batch: 280-80514					
LCS 280-80514/2-A	Lab Control Sample	T	Solid	5030B	
MB 280-80514/1-A	Method Blank	T	Solid	5030B	
280-18743-1	SB04-15	T	Solid	5030B	
280-18743-4	SB06-10	T	Solid	5030B	
280-18826-A-2-B MS	Matrix Spike	T	Solid	5030B	
280-18826-A-2-C MSD	Matrix Spike Duplicate	T	Solid	5030B	
Analysis Batch:280-80860					
LCS 280-80514/2-A	Lab Control Sample	T	Solid	8260B	280-80514
MB 280-80514/1-A	Method Blank	T	Solid	8260B	280-80514
280-18743-1	SB04-15	T	Solid	8260B	280-80514
280-18743-4	SB06-10	T	Solid	8260B	280-80514
280-18826-A-2-B MS	Matrix Spike	T	Solid	8260B	280-80514
280-18826-A-2-C MSD	Matrix Spike Duplicate	T	Solid	8260B	280-80514

Report Basis

T = Total

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 280-80253					
LCS 280-80253/2-A	Lab Control Sample	T	Solid	3550C	
MB 280-80253/1-A	Method Blank	T	Solid	3550C	
280-18743-1	SB04-15	T	Solid	3550C	
280-18743-1MS	Matrix Spike	T	Solid	3550C	
280-18743-1MSD	Matrix Spike Duplicate	T	Solid	3550C	
280-18743-2	SB04-25	T	Solid	3550C	
280-18743-3	SB05-10	T	Solid	3550C	
280-18743-4	SB06-10	T	Solid	3550C	
280-18743-5	SB06-20	T	Solid	3550C	
280-18743-6	SB07-10	T	Solid	3550C	
Analysis Batch:280-80602					
LCS 280-80253/2-A	Lab Control Sample	T	Solid	8270C	280-80253
MB 280-80253/1-A	Method Blank	T	Solid	8270C	280-80253
280-18743-1	SB04-15	T	Solid	8270C	280-80253
280-18743-1MS	Matrix Spike	T	Solid	8270C	280-80253
280-18743-1MSD	Matrix Spike Duplicate	T	Solid	8270C	280-80253
280-18743-2	SB04-25	T	Solid	8270C	280-80253
280-18743-3	SB05-10	T	Solid	8270C	280-80253
280-18743-4	SB06-10	T	Solid	8270C	280-80253
280-18743-5	SB06-20	T	Solid	8270C	280-80253
280-18743-6	SB07-10	T	Solid	8270C	280-80253

Report Basis

T = Total

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 280-79870					
LCS 280-79870/1-A	Lab Control Sample	T	Solid	5030B	
LCSD 280-79870/2-A	Lab Control Sample Duplicate	T	Solid	5030B	
MB 280-79870/3-A	Method Blank	T	Solid	5030B	
280-18743-1	SB04-15	T	Solid	5030B	
280-18743-2	SB04-25	T	Solid	5030B	
280-18743-3	SB05-10	T	Solid	5030B	
280-18743-4	SB06-10	T	Solid	5030B	
280-18743-5	SB06-20	T	Solid	5030B	
280-18743-6	SB07-10	T	Solid	5030B	
280-18743-6MS	Matrix Spike	T	Solid	5030B	
280-18743-6MSD	Matrix Spike Duplicate	T	Solid	5030B	
Analysis Batch:280-80294					
LCS 280-79870/1-A	Lab Control Sample	T	Solid	8015B	280-79870
LCSD 280-79870/2-A	Lab Control Sample Duplicate	T	Solid	8015B	280-79870
MB 280-79870/3-A	Method Blank	T	Solid	8015B	280-79870
280-18743-2	SB04-25	T	Solid	8015B	280-79870
280-18743-3	SB05-10	T	Solid	8015B	280-79870
280-18743-6	SB07-10	T	Solid	8015B	280-79870
280-18743-6MS	Matrix Spike	T	Solid	8015B	280-79870
280-18743-6MSD	Matrix Spike Duplicate	T	Solid	8015B	280-79870
Analysis Batch:280-80430					
280-18743-1	SB04-15	T	Solid	8015B	280-79870
280-18743-4	SB06-10	T	Solid	8015B	280-79870
280-18743-5	SB06-20	T	Solid	8015B	280-79870

Report Basis

T = Total

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 280-79775					
LCS 280-79775/2-A	Lab Control Sample	T	Solid	3546	
MB 280-79775/1-A	Method Blank	T	Solid	3546	
280-18743-1	SB04-15	T	Solid	3546	
280-18743-2	SB04-25	T	Solid	3546	
280-18743-3	SB05-10	T	Solid	3546	
280-18743-4	SB06-10	T	Solid	3546	
280-18743-4MS	Matrix Spike	T	Solid	3546	
280-18743-4MSD	Matrix Spike Duplicate	T	Solid	3546	
280-18743-6	SB07-10	T	Solid	3546	
Prep Batch: 280-80003					
LCS 280-80003/2-A	Lab Control Sample	T	Solid	3546	
MB 280-80003/1-A	Method Blank	T	Solid	3546	
280-18743-5	SB06-20	T	Solid	3546	
280-18805-B-6-B MS	Matrix Spike	T	Solid	3546	
280-18805-B-6-C MSD	Matrix Spike Duplicate	T	Solid	3546	
Analysis Batch:280-80462					
LCS 280-79775/2-A	Lab Control Sample	T	Solid	8015B	280-79775
MB 280-79775/1-A	Method Blank	T	Solid	8015B	280-79775
280-18743-1	SB04-15	T	Solid	8015B	280-79775
280-18743-2	SB04-25	T	Solid	8015B	280-79775
280-18743-3	SB05-10	T	Solid	8015B	280-79775
280-18743-4	SB06-10	T	Solid	8015B	280-79775
280-18743-4MS	Matrix Spike	T	Solid	8015B	280-79775
280-18743-4MSD	Matrix Spike Duplicate	T	Solid	8015B	280-79775
280-18743-6	SB07-10	T	Solid	8015B	280-79775
Analysis Batch:280-80540					
LCS 280-80003/2-A	Lab Control Sample	T	Solid	8015B	280-80003
MB 280-80003/1-A	Method Blank	T	Solid	8015B	280-80003
280-18743-5	SB06-20	T	Solid	8015B	280-80003
280-18805-B-6-B MS	Matrix Spike	T	Solid	8015B	280-80003
280-18805-B-6-C MSD	Matrix Spike Duplicate	T	Solid	8015B	280-80003

Report Basis

T = Total

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 280-79762					
LCS 280-79762/2-A	Lab Control Sample	T	Solid	7471A	
MB 280-79762/1-A	Method Blank	T	Solid	7471A	
280-18743-1	SB04-15	T	Solid	7471A	
280-18743-2	SB04-25	T	Solid	7471A	
280-18743-2MS	Matrix Spike	T	Solid	7471A	
280-18743-2MSD	Matrix Spike Duplicate	T	Solid	7471A	
280-18743-3	SB05-10	T	Solid	7471A	
280-18743-4	SB06-10	T	Solid	7471A	
280-18743-5	SB06-20	T	Solid	7471A	
280-18743-6	SB07-10	T	Solid	7471A	
Prep Batch: 280-79869					
LCS 280-79869/2-A	Lab Control Sample	T	Solid	3050B	
MB 280-79869/1-A	Method Blank	T	Solid	3050B	
280-18743-1	SB04-15	T	Solid	3050B	
280-18743-1MS	Matrix Spike	T	Solid	3050B	
280-18743-1MSD	Matrix Spike Duplicate	T	Solid	3050B	
280-18743-2	SB04-25	T	Solid	3050B	
280-18743-3	SB05-10	T	Solid	3050B	
280-18743-4	SB06-10	T	Solid	3050B	
280-18743-5	SB06-20	T	Solid	3050B	
280-18743-6	SB07-10	T	Solid	3050B	
Analysis Batch:280-80237					
LCS 280-79869/2-A	Lab Control Sample	T	Solid	6010B	280-79869
MB 280-79869/1-A	Method Blank	T	Solid	6010B	280-79869
280-18743-1	SB04-15	T	Solid	6010B	280-79869
280-18743-1MS	Matrix Spike	T	Solid	6010B	280-79869
280-18743-1MSD	Matrix Spike Duplicate	T	Solid	6010B	280-79869
280-18743-2	SB04-25	T	Solid	6010B	280-79869
280-18743-3	SB05-10	T	Solid	6010B	280-79869
280-18743-4	SB06-10	T	Solid	6010B	280-79869
280-18743-5	SB06-20	T	Solid	6010B	280-79869
280-18743-6	SB07-10	T	Solid	6010B	280-79869
Analysis Batch:280-80418					
280-18743-3	SB05-10	T	Solid	6010B	280-79869
280-18743-4	SB06-10	T	Solid	6010B	280-79869
280-18743-5	SB06-20	T	Solid	6010B	280-79869
280-18743-6	SB07-10	T	Solid	6010B	280-79869

TestAmerica Denver

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:280-80840					
LCS 280-79762/2-A	Lab Control Sample	T	Solid	7471A	280-79762
MB 280-79762/1-A	Method Blank	T	Solid	7471A	280-79762
280-18743-1	SB04-15	T	Solid	7471A	280-79762
280-18743-2	SB04-25	T	Solid	7471A	280-79762
280-18743-2MS	Matrix Spike	T	Solid	7471A	280-79762
280-18743-2MSD	Matrix Spike Duplicate	T	Solid	7471A	280-79762
280-18743-3	SB05-10	T	Solid	7471A	280-79762
280-18743-4	SB06-10	T	Solid	7471A	280-79762
280-18743-5	SB06-20	T	Solid	7471A	280-79762
280-18743-6	SB07-10	T	Solid	7471A	280-79762

Report Basis

T = Total

General Chemistry

Analysis Batch:280-80056					
280-18743-1	SB04-15	T	Solid	Moisture	
280-18743-2	SB04-25	T	Solid	Moisture	
280-18743-3	SB05-10	T	Solid	Moisture	
280-18743-4	SB06-10	T	Solid	Moisture	
280-18743-5	SB06-20	T	Solid	Moisture	
280-18743-6	SB07-10	T	Solid	Moisture	
280-18832-B-1 MS	Matrix Spike	T	Solid	Moisture	
280-18832-B-1 MSD	Matrix Spike Duplicate	T	Solid	Moisture	
280-18832-A-6 DU	Duplicate	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Laboratory Chronicle

Lab ID: 280-18743-1

Client ID: SB04-15

Sample Date/Time: 08/02/2011 09:00

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-18743-B-1-B		280-80860	280-80514	08/09/2011 13:57	1	TAL DEN	KAJ
A:8260B	280-18743-B-1-B		280-80860	280-80514	08/10/2011 14:21	1	TAL DEN	HZ
P:3550C	280-18743-A-1-F		280-80602	280-80253	08/08/2011 10:24	1	TAL DEN	EEG
A:8270C	280-18743-A-1-F		280-80602	280-80253	08/09/2011 19:06	1	TAL DEN	DCK
P:5030B	280-18743-B-1-A		280-80430	280-79870	08/04/2011 14:31	2	TAL DEN	AMB
A:8015B	280-18743-B-1-A		280-80430	280-79870	08/08/2011 15:04	2	TAL DEN	AMB
P:3546	280-18743-A-1-B		280-80462	280-79775	08/04/2011 13:20	1	TAL DEN	EEG
A:8015B	280-18743-A-1-B		280-80462	280-79775	08/05/2011 20:19	1	TAL DEN	AMP
P:3050B	280-18743-A-1-C		280-80237	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A:6010B	280-18743-A-1-C		280-80237	280-79869	08/05/2011 16:32	1	TAL DEN	HEB
P:7471A	280-18743-A-1-A		280-80840	280-79762	08/10/2011 10:55	1	TAL DEN	KMN
A:7471A	280-18743-A-1-A		280-80840	280-79762	08/10/2011 15:25	1	TAL DEN	KMN
A:Moisture	280-18743-A-1		280-80056		08/05/2011 14:05	1	TAL DEN	AJA

Lab ID: 280-18743-1 MS

Client ID: SB04-15

Sample Date/Time: 08/02/2011 09:00

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-18743-A-1-G MS		280-80602	280-80253	08/08/2011 10:24	1	TAL DEN	EEG
A:8270C	280-18743-A-1-G MS		280-80602	280-80253	08/09/2011 19:27	1	TAL DEN	DCK
P:3050B	280-18743-A-1-D MS		280-80237	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A:6010B	280-18743-A-1-D MS		280-80237	280-79869	08/05/2011 16:36	1	TAL DEN	HEB

Lab ID: 280-18743-1 MSD

Client ID: SB04-15

Sample Date/Time: 08/02/2011 09:00

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-18743-A-1-H MSD		280-80602	280-80253	08/08/2011 10:24	1	TAL DEN	EEG
A:8270C	280-18743-A-1-H MSD		280-80602	280-80253	08/09/2011 19:47	1	TAL DEN	DCK
P:3050B	280-18743-A-1-E MSD		280-80237	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A:6010B	280-18743-A-1-E MSD		280-80237	280-79869	08/05/2011 16:39	1	TAL DEN	HEB

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Laboratory Chronicle

Lab ID: 280-18743-1 SD

Client ID: SB04-15

Sample Date/Time: 08/02/2011 09:00

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	280-18743-A-1-C SD		280-80237	280-79869	08/05/2011 07:30	5	TAL DEN	BLR
	A5							
A:6010B	280-18743-A-1-C SD		280-80237	280-79869	08/05/2011 16:34	5	TAL DEN	HEB
	A5							

Lab ID: 280-18743-2

Client ID: SB04-25

Sample Date/Time: 08/02/2011 09:20

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-18743-B-2-B		280-80245	280-80102	08/05/2011 18:00	1	TAL DEN	JR
A:8260B	280-18743-B-2-B		280-80245	280-80102	08/05/2011 21:05	1	TAL DEN	JR
P:3550C	280-18743-A-2-F		280-80602	280-80253	08/08/2011 10:24	1	TAL DEN	EEG
A:8270C	280-18743-A-2-F		280-80602	280-80253	08/09/2011 20:08	1	TAL DEN	DCK
P:5030B	280-18743-B-2-A		280-80294	280-79870	08/04/2011 14:31	1	TAL DEN	AMB
A:8015B	280-18743-B-2-A		280-80294	280-79870	08/05/2011 16:01	1	TAL DEN	AMB
P:3546	280-18743-A-2-D		280-80462	280-79775	08/04/2011 13:20	1	TAL DEN	EEG
A:8015B	280-18743-A-2-D		280-80462	280-79775	08/05/2011 20:52	1	TAL DEN	AMP
P:3050B	280-18743-A-2-E		280-80237	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A:6010B	280-18743-A-2-E		280-80237	280-79869	08/05/2011 16:41	1	TAL DEN	HEB
P:7471A	280-18743-A-2-A		280-80840	280-79762	08/10/2011 10:55	1	TAL DEN	KMN
A:7471A	280-18743-A-2-A		280-80840	280-79762	08/10/2011 15:27	1	TAL DEN	KMN
A:Moisture	280-18743-A-2		280-80056		08/05/2011 14:05	1	TAL DEN	AJA

Lab ID: 280-18743-2 MS

Client ID: SB04-25

Sample Date/Time: 08/02/2011 09:20

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	280-18743-A-2-B MS		280-80840	280-79762	08/10/2011 10:55	1	TAL DEN	KMN
A:7471A	280-18743-A-2-B MS		280-80840	280-79762	08/10/2011 15:29	1	TAL DEN	KMN

Lab ID: 280-18743-2 MSD

Client ID: SB04-25

Sample Date/Time: 08/02/2011 09:20

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	280-18743-A-2-C MSD		280-80840	280-79762	08/10/2011 10:55	1	TAL DEN	KMN
A:7471A	280-18743-A-2-C MSD		280-80840	280-79762	08/10/2011 15:31	1	TAL DEN	KMN

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Laboratory Chronicle

Lab ID: 280-18743-3

Client ID: SB05-10

Sample Date/Time: 08/02/2011 09:50

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-18743-B-3-B		280-80245	280-80102	08/05/2011 18:00	1	TAL DEN	JR
A:8260B	280-18743-B-3-B		280-80245	280-80102	08/05/2011 21:27	1	TAL DEN	JR
P:3550C	280-18743-A-3-D		280-80602	280-80253	08/08/2011 10:24	1	TAL DEN	EEG
A:8270C	280-18743-A-3-D		280-80602	280-80253	08/09/2011 20:29	1	TAL DEN	DCK
P:5030B	280-18743-B-3-A		280-80294	280-79870	08/04/2011 14:31	1	TAL DEN	AMB
A:8015B	280-18743-B-3-A		280-80294	280-79870	08/05/2011 16:39	1	TAL DEN	AMB
P:3546	280-18743-A-3-B		280-80462	280-79775	08/04/2011 13:20	1	TAL DEN	EEG
A:8015B	280-18743-A-3-B		280-80462	280-79775	08/05/2011 21:25	1	TAL DEN	AMP
P:3050B	280-18743-A-3-C		280-80237	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A:6010B	280-18743-A-3-C		280-80237	280-79869	08/05/2011 16:53	1	TAL DEN	HEB
P:3050B	280-18743-A-3-C		280-80418	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A:6010B	280-18743-A-3-C		280-80418	280-79869	08/08/2011 15:01	1	TAL DEN	HEB
P:7471A	280-18743-A-3-A		280-80840	280-79762	08/10/2011 10:55	1	TAL DEN	KMN
A:7471A	280-18743-A-3-A		280-80840	280-79762	08/10/2011 15:34	1	TAL DEN	KMN
A:Moisture	280-18743-A-3		280-80056		08/05/2011 14:05	1	TAL DEN	AJA

Lab ID: 280-18743-3 MS

Client ID: SB05-10

Sample Date/Time: 08/02/2011 09:50

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-18743-B-3-C MS		280-80245	280-80102	08/05/2011 18:00	1	TAL DEN	JR
A:8260B	280-18743-B-3-C MS		280-80245	280-80102	08/05/2011 23:54	1	TAL DEN	JR

Lab ID: 280-18743-3 MSD

Client ID: SB05-10

Sample Date/Time: 08/02/2011 09:50

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-18743-B-3-D MSD		280-80245	280-80102	08/05/2011 18:00	1	TAL DEN	JR
A:8260B	280-18743-B-3-D MSD		280-80245	280-80102	08/06/2011 00:17	1	TAL DEN	JR

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Laboratory Chronicle

Lab ID: 280-18743-4

Client ID: SB06-10

Sample Date/Time: 08/02/2011 10:08

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P.5030B	280-18743-B-4-B		280-80860	280-80514	08/09/2011 13:57	1	TAL DEN	KAJ
A.8260B	280-18743-B-4-B		280-80860	280-80514	08/10/2011 14:42	1	TAL DEN	HZ
P.3550C	280-18743-A-4-F		280-80602	280-80253	08/08/2011 10:24	1	TAL DEN	EEG
A.8270C	280-18743-A-4-F		280-80602	280-80253	08/09/2011 20:49	1	TAL DEN	DCK
P.5030B	280-18743-B-4-A		280-80430	280-79870	08/04/2011 14:31	5	TAL DEN	AMB
A.8015B	280-18743-B-4-A		280-80430	280-79870	08/08/2011 15:41	5	TAL DEN	AMB
P.3546	280-18743-A-4-B		280-80462	280-79775	08/04/2011 13:20	1	TAL DEN	EEG
A.8015B	280-18743-A-4-B		280-80462	280-79775	08/05/2011 21:58	1	TAL DEN	AMP
P.3050B	280-18743-A-4-E		280-80237	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A.6010B	280-18743-A-4-E		280-80237	280-79869	08/05/2011 16:56	1	TAL DEN	HEB
P.3050B	280-18743-A-4-E		280-80418	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A.6010B	280-18743-A-4-E		280-80418	280-79869	08/08/2011 15:03	1	TAL DEN	HEB
P.7471A	280-18743-A-4-A		280-80840	280-79762	08/10/2011 10:55	1	TAL DEN	KMN
A.7471A	280-18743-A-4-A		280-80840	280-79762	08/10/2011 15:36	1	TAL DEN	KMN
A.Moisture	280-18743-A-4		280-80056		08/05/2011 14:05	1	TAL DEN	AJA

Lab ID: 280-18743-4 MS

Client ID: SB06-10

Sample Date/Time: 08/02/2011 10:08

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P.3546	280-18743-A-4-C MS		280-80462	280-79775	08/04/2011 13:20	1	TAL DEN	EEG
A.8015B	280-18743-A-4-C MS		280-80462	280-79775	08/05/2011 22:31	1	TAL DEN	AMP

Lab ID: 280-18743-4 MSD

Client ID: SB06-10

Sample Date/Time: 08/02/2011 10:08

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P.3546	280-18743-A-4-D MSD		280-80462	280-79775	08/04/2011 13:20	1	TAL DEN	EEG
A.8015B	280-18743-A-4-D MSD		280-80462	280-79775	08/05/2011 23:03	1	TAL DEN	AMP

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Laboratory Chronicle

Lab ID: 280-18743-5

Client ID: SB06-20

Sample Date/Time: 08/02/2011 10:30

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P.5030B	280-18743-B-5-B		280-80245	280-80102	08/05/2011 18:00	1	TAL DEN	JR
A.8260B	280-18743-B-5-B		280-80245	280-80102	08/05/2011 21:50	1	TAL DEN	JR
P.3550C	280-18743-A-5-E		280-80602	280-80253	08/08/2011 10:24	1	TAL DEN	EEG
A.8270C	280-18743-A-5-E		280-80602	280-80253	08/09/2011 21:10	1	TAL DEN	DCK
P.5030B	280-18743-B-5-A		280-80430	280-79870	08/04/2011 14:31	1	TAL DEN	AMB
A.8015B	280-18743-B-5-A		280-80430	280-79870	08/08/2011 16:19	1	TAL DEN	AMB
P.3546	280-18743-A-5-D		280-80540	280-80003	08/05/2011 10:07	1	TAL DEN	EEG
A.8015B	280-18743-A-5-D		280-80540	280-80003	08/08/2011 18:15	1	TAL DEN	AMP
P.3050B	280-18743-A-5-C		280-80237	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A.6010B	280-18743-A-5-C		280-80237	280-79869	08/05/2011 16:58	1	TAL DEN	HEB
P.3050B	280-18743-A-5-C		280-80418	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A.6010B	280-18743-A-5-C		280-80418	280-79869	08/08/2011 15:06	1	TAL DEN	HEB
P.7471A	280-18743-A-5-A		280-80840	280-79762	08/10/2011 10:55	1	TAL DEN	KMN
A.7471A	280-18743-A-5-A		280-80840	280-79762	08/10/2011 15:38	1	TAL DEN	KMN
A.Moisture	280-18743-A-5		280-80056		08/05/2011 14:05	1	TAL DEN	AJA

Lab ID: 280-18743-6

Client ID: SB07-10

Sample Date/Time: 08/02/2011 11:10

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P.5030B	280-18743-B-6-D		280-80245	280-80102	08/05/2011 18:00	1	TAL DEN	JR
A.8260B	280-18743-B-6-D		280-80245	280-80102	08/05/2011 22:13	1	TAL DEN	JR
P.3550C	280-18743-A-6-D		280-80602	280-80253	08/08/2011 10:24	1	TAL DEN	EEG
A.8270C	280-18743-A-6-D		280-80602	280-80253	08/09/2011 21:31	1	TAL DEN	DCK
P.5030B	280-18743-B-6-A		280-80294	280-79870	08/04/2011 14:31	1	TAL DEN	AMB
A.8015B	280-18743-B-6-A		280-80294	280-79870	08/05/2011 19:11	1	TAL DEN	AMB
P.3546	280-18743-A-6-B		280-80462	280-79775	08/04/2011 13:20	1	TAL DEN	EEG
A.8015B	280-18743-A-6-B		280-80462	280-79775	08/05/2011 23:36	1	TAL DEN	AMP
P.3050B	280-18743-A-6-C		280-80237	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A.6010B	280-18743-A-6-C		280-80237	280-79869	08/05/2011 17:00	1	TAL DEN	HEB
P.3050B	280-18743-A-6-C		280-80418	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A.6010B	280-18743-A-6-C		280-80418	280-79869	08/08/2011 15:08	1	TAL DEN	HEB
P.7471A	280-18743-A-6-A		280-80840	280-79762	08/10/2011 10:55	1	TAL DEN	KMN
A.7471A	280-18743-A-6-A		280-80840	280-79762	08/10/2011 15:45	1	TAL DEN	KMN
A.Moisture	280-18743-A-6		280-80056		08/05/2011 14:05	1	TAL DEN	AJA

Lab ID: 280-18743-6 MS

Client ID: SB07-10

Sample Date/Time: 08/02/2011 11:10

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P.5030B	280-18743-B-6-B MS		280-80294	280-79870	08/04/2011 14:31	1	TAL DEN	AMB
A.8015B	280-18743-B-6-B MS		280-80294	280-79870	08/05/2011 19:48	1	TAL DEN	AMB

TestAmerica Denver

A = Analytical Method P = Prep Method

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Laboratory Chronicle

Lab ID: 280-18743-6 MSD

Client ID: SB07-10

Sample Date/Time: 08/02/2011 11:10

Received Date/Time: 08/02/2011 18:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	DII	Lab	Analyst
P 5030B	280-18743-B-6-C MSD		280-80294	280-79870	08/04/2011 14:31	1	TAL DEN	AMB
A.8015B	280-18743-B-6-C MSD		280-80294	280-79870	08/05/2011 21:03	1	TAL DEN	AMB

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	DII	Lab	Analyst
P 5030B	MB 280-80102/1-A		280-80245	280-80102	08/05/2011 18:00	1	TAL DEN	JR
A.8260B	MB 280-80102/1-A		280-80245	280-80102	08/05/2011 20:42	1	TAL DEN	JR
P 5030B	MB 280-80514/1-A		280-80860	280-80514	08/09/2011 13:57	1	TAL DEN	KAJ
A.8260B	MB 280-80514/1-A		280-80860	280-80514	08/10/2011 10:50	1	TAL DEN	HZ
P.3550C	MB 280-80253/1-A		280-80602	280-80253	08/08/2011 10:24	1	TAL DEN	EEG
A.8270C	MB 280-80253/1-A		280-80602	280-80253	08/09/2011 13:33	1	TAL DEN	DCK
P.5030B	MB 280-79870/3-A		280-80294	280-79870	08/04/2011 14:31	1	TAL DEN	AMB
A.8015B	MB 280-79870/3-A		280-80294	280-79870	08/05/2011 14:46	1	TAL DEN	AMB
P.3546	MB 280-79775/1-A		280-80462	280-79775	08/04/2011 13:20	1	TAL DEN	EEG
A.8015B	MB 280-79775/1-A		280-80462	280-79775	08/05/2011 19:12	1	TAL DEN	AMP
P.3546	MB 280-80003/1-A		280-80540	280-80003	08/05/2011 10:07	1	TAL DEN	EEG
A.8015B	MB 280-80003/1-A		280-80540	280-80003	08/08/2011 17:19	1	TAL DEN	AMP
P.3050B	MB 280-79869/1-A		280-80237	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A.6010B	MB 280-79869/1-A		280-80237	280-79869	08/05/2011 16:27	1	TAL DEN	HEB
P.7471A	MB 280-79762/1-A		280-80840	280-79762	08/10/2011 10:55	1	TAL DEN	KMN
A.7471A	MB 280-79762/1-A		280-80840	280-79762	08/10/2011 15:20	1	TAL DEN	KMN

Quality Control Results

Client: Colorado Oil&Gas Conservation Commission

Job Number: 280-18743-1

Laboratory Chronicle

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 280-80102/2-A		280-80245	280-80102	08/05/2011 18:00	1	TAL DEN	JR
A:8260B	LCS 280-80102/2-A		280-80245	280-80102	08/05/2011 19:56	1	TAL DEN	JR
P:5030B	LCS 280-80514/2-A		280-80860	280-80514	08/09/2011 13:57	1	TAL DEN	KAJ
A:8260B	LCS 280-80514/2-A		280-80860	280-80514	08/10/2011 15:03	1	TAL DEN	HZ
P:3550C	LCS 280-80253/2-A		280-80602	280-80253	08/08/2011 10:24	1	TAL DEN	EEG
A:8270C	LCS 280-80253/2-A		280-80602	280-80253	08/09/2011 13:54	1	TAL DEN	DCK
P:5030B	LCS 280-79870/1-A		280-80294	280-79870	08/04/2011 14:31	1	TAL DEN	AMB
A:8015B	LCS 280-79870/1-A		280-80294	280-79870	08/05/2011 13:31	1	TAL DEN	AMB
P:3546	LCS 280-79775/2-A		280-80462	280-79775	08/04/2011 13:20	1	TAL DEN	EEG
A:8015B	LCS 280-79775/2-A		280-80462	280-79775	08/05/2011 19:45	1	TAL DEN	AMP
P:3546	LCS 280-80003/2-A		280-80540	280-80003	08/05/2011 10:07	1	TAL DEN	EEG
A:8015B	LCS 280-80003/2-A		280-80540	280-80003	08/08/2011 17:47	1	TAL DEN	AMP
P:3050B	LCS 280-79869/2-A		280-80237	280-79869	08/05/2011 07:30	1	TAL DEN	BLR
A:6010B	LCS 280-79869/2-A		280-80237	280-79869	08/05/2011 16:29	1	TAL DEN	HEB
P:7471A	LCS 280-79762/2-A		280-80840	280-79762	08/10/2011 10:55	1	TAL DEN	KMN
A:7471A	LCS 280-79762/2-A		280-80840	280-79762	08/10/2011 15:22	1	TAL DEN	KMN

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCSD 280-79870/2-A		280-80294	280-79870	08/04/2011 14:31	1	TAL DEN	AMB
A:8015B	LCSD 280-79870/2-A		280-80294	280-79870	08/05/2011 14:09	1	TAL DEN	AMB

Lab ID: MS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	280-18826-A-2-B MS		280-80860	280-80514	08/09/2011 13:57	25	TAL DEN	KAJ
A:8260B	280-18826-A-2-B MS		280-80860	280-80514	08/10/2011 17:08	25	TAL DEN	HZ
P:3546	280-18805-B-6-B MS		280-80540	280-80003	08/05/2011 10:07	1	TAL DEN	EEG
A:8015B	280-18805-B-6-B MS		280-80540	280-80003	08/08/2011 19:11	1	TAL DEN	AMP
A:Moisture	280-18832-B-1 MS		280-80056		08/05/2011 14:05	1	TAL DEN	AJA

Quality Control Results

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Laboratory Chronicle

Lab ID: MSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P.5030B	280-18826-A-2-C MSD		280-80860	280-80514	08/09/2011 13:57	25	TAL DEN	KAJ
A.8260B	280-18826-A-2-C MSD		280-80860	280-80514	08/10/2011 17:29	25	TAL DEN	HZ
P.3546	280-18805-B-6-C MSD		280-80540	280-80003	08/05/2011 10:07	1	TAL DEN	EEG
A.8015B	280-18805-B-6-C MSD		280-80540	280-80003	08/08/2011 19:39	1	TAL DEN	AMP
A.Moisture	280-18832-B-1 MSD		280-80056		08/05/2011 14:05	1	TAL DEN	AJA

Lab ID: DU

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A.Moisture	280-18832-A-6 DU		280-80056		08/05/2011 14:05	1	TAL DEN	AJA

Lab References:

TAL DEN = TestAmerica Denver

Certification Summary

Client: Colorado Oil&Gas Conservation Commission
Project/Site: Steve Lindblom

TestAmerica Job ID: 280-18743-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Denver	A2LA	DoD ELAP		2907.01
TestAmerica Denver	A2LA	ISO/IEC 17025		2907.01
TestAmerica Denver	Alabama	State Program	4	40730
TestAmerica Denver	Alaska	Alaska UST	10	UST-30
TestAmerica Denver	Arizona	State Program	9	AZ0713
TestAmerica Denver	Arkansas	State Program	6	88-0687
TestAmerica Denver	California	State Program	9	2513
TestAmerica Denver	Colorado	State Program	8	N/A
TestAmerica Denver	Connecticut	State Program	1	PH-0686
TestAmerica Denver	Florida	NELAC	4	E87667
TestAmerica Denver	Georgia	State Program	4	N/A
TestAmerica Denver	Idaho	State Program	10	CO00026
TestAmerica Denver	Illinois	NELAC	5	200017
TestAmerica Denver	Iowa	State Program	7	370
TestAmerica Denver	Kansas	NELAC	7	E-10166
TestAmerica Denver	Louisiana	NELAC	6	30785
TestAmerica Denver	Maine	State Program	1	CO0002
TestAmerica Denver	Maryland	State Program	3	268
TestAmerica Denver	Minnesota	NELAC	5	8-999-405
TestAmerica Denver	Nevada	State Program	9	CO0026
TestAmerica Denver	New Hampshire	NELAC	1	205310
TestAmerica Denver	New Jersey	NELAC	2	CO004
TestAmerica Denver	New Mexico	State Program	6	N/A
TestAmerica Denver	New York	NELAC	2	11964
TestAmerica Denver	North Carolina	North Carolina DENR	4	358
TestAmerica Denver	North Dakota	State Program	8	R-034
TestAmerica Denver	Oklahoma	State Program	6	8614
TestAmerica Denver	Oregon	NELAC	10	CO200001
TestAmerica Denver	Pennsylvania	NELAC	3	68-00664
TestAmerica Denver	South Carolina	State Program	4	72002
TestAmerica Denver	Tennessee	State Program	4	TN02944
TestAmerica Denver	Texas	NELAC	6	T104704183-08-TX
TestAmerica Denver	USDA	USDA		P330-08-00036
TestAmerica Denver	Utah	NELAC	8	QUAN5
TestAmerica Denver	Washington	State Program	10	C1284
TestAmerica Denver	West Virginia	West Virginia DEP	3	354
TestAmerica Denver	Wisconsin	State Program	5	999615430

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B

Volatile Organic Compounds (GC/MS)
by Method 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB04-15 Lab Sample ID: 280-18743-1
 Matrix: Solid Lab File ID: P0908.D
 Analysis Method: 8260B Date Collected: 08/02/2011 09:00
 Sample wt/vol: 5.017(g) Date Analyzed: 08/10/2011 14:21
 Soil Aliquot Vol: 20 (mL) Dilution Factor: 1
 Soil Extract Vol.: 1000(mL) GC Column: DB-624 (60.25) ID: 0.25 (mm)
 % Moisture: 11.4 Level: (low/med) Medium
 Analysis Batch No.: 80860 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		140	25
10061-01-5	cis-1,3-Dichloropropene	ND		280	30
179601-23-1	m-Xylene & p-Xylene	ND		280	88
103-65-1	N-Propylbenzene	ND		280	46
104-51-8	n-Butylbenzene	ND		280	36
95-47-6	o-Xylene	ND		140	39
135-98-8	sec-Butylbenzene	ND		280	43
98-06-6	tert-Butylbenzene	ND		280	31
156-60-5	trans-1,2-Dichloroethene	ND		140	50
10061-02-6	trans-1,3-Dichloropropene	ND		280	47
67-64-1	Acetone	ND		1100	450
71-43-2	Benzene	ND		280	51
108-86-1	Bromobenzene	ND		280	21
74-97-5	Chlorobromomethane	ND		280	53
75-27-4	Dichlorobromomethane	ND		280	45
75-25-2	Bromoform	ND		280	33
74-83-9	Bromomethane	ND		560	53
56-23-5	Carbon tetrachloride	ND		280	19
108-90-7	Chlorobenzene	ND		280	34
124-48-1	Chlorodibromomethane	ND		280	37
75-00-3	Chloroethane	ND		560	49
67-66-3	Chloroform	ND		280	52
74-87-3	Chloromethane	ND		560	56
74-95-3	Dibromomethane	ND		280	34
75-71-8	Dichlorodifluoromethane	ND		560	25
100-41-4	Ethylbenzene	ND		280	38
87-68-3	Hexachlorobutadiene	ND		280	55
98-82-8	Isopropylbenzene	ND		280	33
1634-04-4	Methyl tert-butyl ether	ND		280	56
75-09-2	Methylene Chloride	ND		280	78
91-20-3	Naphthalene	ND		560	43
100-42-5	Styrene	ND		280	29
127-18-4	Tetrachloroethene	ND		280	30
108-88-3	Toluene	ND		280	44
79-01-6	Trichloroethene	ND		280	26
75-69-4	Trichlorofluoromethane	ND		560	56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Matrix: Solid

Lab File ID: P0908.D

Analysis Method: 8260B

Date Collected: 08/02/2011 09:00

Sample wt/vol: 5.017(g)

Date Analyzed: 08/10/2011 14:21

Soil Aliquot Vol: 20 (mL)

Dilution Factor: 1

Soil Extract Vol.: 1000 (mL)

GC Column: DB-624 (60.25) ID: 0.25 (mm)

% Moisture: 11.4

Level: (low/med) Medium

Analysis Batch No.: 80860

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	ND		560	30
1330-20-7	Xylenes, Total	ND		280	39
75-34-3	1,1-Dichloroethane	ND		280	57
75-35-4	1,1-Dichloroethene	ND		280	57
563-58-6	1,1-Dichloropropene	ND		280	54
71-55-6	1,1,1-Trichloroethane	ND		280	22
630-20-6	1,1,1,2-Tetrachloroethane	ND		280	24
79-00-5	1,1,2-Trichloroethane	ND		280	30
79-34-5	1,1,2,2-Tetrachloroethane	ND		280	33
96-12-8	1,2-Dibromo-3-Chloropropane	ND		560	97
106-93-4	1,2-Dibromoethane	ND		280	28
95-50-1	1,2-Dichlorobenzene	ND		280	110
107-06-2	1,2-Dichloroethane	ND		280	28
540-59-0	1,2-Dichloroethene, Total	ND		280	25
78-87-5	1,2-Dichloropropane	ND		280	52
87-61-6	1,2,3-Trichlorobenzene	ND		280	39
96-18-4	1,2,3-Trichloropropane	ND		280	53
120-82-1	1,2,4-Trichlorobenzene	ND		280	53
95-63-6	1,2,4-Trimethylbenzene	900		280	35
541-73-1	1,3-Dichlorobenzene	ND		280	46
142-28-9	1,3-Dichloropropane	ND		280	31
108-67-8	1,3,5-Trimethylbenzene	ND		280	44
106-46-7	1,4-Dichlorobenzene	ND		280	28
78-93-3	2-Butanone (MEK)	ND		1100	330
95-49-8	2-Chlorotoluene	ND		280	29
591-78-6	2-Hexanone	ND		1100	240
594-20-7	2,2-Dichloropropane	ND		280	30
106-43-4	4-Chlorotoluene	ND		280	26
99-87-6	4-Isopropyltoluene	ND		280	36
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1100	250

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB04-15 Lab Sample ID: 280-18743-1
Matrix: Solid Lab File ID: P0908.D
Analysis Method: 8260B Date Collected: 08/02/2011 09:00
Sample wt/vol: 5.017(g) Date Analyzed: 08/10/2011 14:21
Soil Aliquot Vol: 20 (mL) Dilution Factor: 1
Soil Extract Vol.: 1000(mL) GC Column: DB-624 (60.25) ID: 0.25 (mm)
% Moisture: 11.4 Level: (low/med) Medium
Analysis Batch No.: 80860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	76		50-139
2037-26-5	Toluene-d8 (Surr)	76		68-143
460-00-4	4-Bromofluorobenzene (Surr)	76		62-133
1868-53-7	Dibromofluoromethane (Surr)	79		60-133

Data File: \\DenSvr03\Public\chem\MSV\P.i\081011M.B\P0908.D
Report Date: 10-Aug-2011 15:50

Page 1

TestAmerica

VOLATILE REPORT SW-846

Data file : \\DenSvr03\Public\chem\MSV\P.i\081011M.B\P0908.D
Lab Smp Id: 280-18743-B-1-B Client Smp ID: SB04-15
Inj Date : 10-AUG-2011 14:21
Operator : ZhouH Inst ID: P.i
Smp Info : 280-18743-b-1-b,,5.017,mLe
Misc Info : 280-18743-B-1-B
Comment :
Method : \\DenSvr03\Public\chem\MSV\P.i\081011M.B\8260B-med.m
Meth Date : 10-Aug-2011 12:19 zhouh Quant Type: ISTD
Cal Date : 25-MAY-2011 18:26 Cal File: P8796.D
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TALSall.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vp/Va)*(Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1000.000	unit correction factor (g/Kg)
Vp	20.000	Purge Volume (mL)
Va	100.000	Vol of MeOH extract used (uL)
Vf	5.000	Final Volume MeOH Extraction (mL)
Ws	5.017	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 59 Fluorobenzene	96		8.074	8.067 (1.000)		2706666	12.5000	
* 85 Chlorobenzene-d5	119		10.305	10.298 (1.000)		578187	12.5000	
* 110 1,4-Dichlorobenzene-d4	152		12.193	12.186 (1.000)		653748	12.5000	(Q)
S 49 Dibromofluoromethane (Surr)	111		7.538	7.538 (0.934)		397211	7.92957	1580.54
S 55 1,2-Dichloroethane-d4	65		7.831	7.832 (0.970)		294895	7.63740	1522.30
S 73 Toluene-d8	98		9.211	9.212 (0.894)		2100935	7.56048	1506.97
S 96 4-Bromofluorobenzene (Surr)	95		11.185	11.185 (0.917)		587363	7.62362	1519.56
M 1 1,2-Dichloroethene (total)	96		Compound Not Detected.					
M 2 Xylene (total)	106		Compound Not Detected.					
M 3 Trihalomethanes (total)	100		Compound Not Detected.					
M 4 1,3-Dichloropropene (total)	100		Compound Not Detected.					
5 dichlorodifluoromethane	85		Compound Not Detected.					
6 1,2-Dichlorotetrafluoroethane	85		Compound Not Detected.					
7 Chloromethane	50		Compound Not Detected.					
8 Vinyl Chloride	62		Compound Not Detected.					
9 Ethylene Oxide	43		Compound Not Detected.					
10 Bromomethane	94		Compound Not Detected.					
11 Chloroethane	64		Compound Not Detected.					
12 Dichlorofluoromethane	67		Compound Not Detected.					
13 Trichlorofluoromethane	101		Compound Not Detected.					

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)	
14 Ethanol	45	Compound	Not	Detected.				
15 1,2-dichloro-1,1,2-trifluoro	117	Compound	Not	Detected.				
16 Ethyl Ether	59	Compound	Not	Detected.				
17 2,2-dichloro-1,1,1-trifluoro	83	Compound	Not	Detected.				
18 Acrolein	56	Compound	Not	Detected.				
20 Acetone	43	Compound	Not	Detected.				
19 Trichlorotrifluoroethane	151	Compound	Not	Detected.				
21 2-propanol	45	Compound	Not	Detected.				
22 1,1-Dichloroethene	96	Compound	Not	Detected.				
23 Iodomethane	142	Compound	Not	Detected.				
24 Acetonitrile	41	Compound	Not	Detected.				
25 Methyl Acetate	43	Compound	Not	Detected.				
27 Carbon Disulfide	76	Compound	Not	Detected.				
26 Allyl Chloride	41	Compound	Not	Detected.				
28 tert-Butyl alcohol	59	Compound	Not	Detected.				
29 Methylene Chloride	84	Compound	Not	Detected.				
30 Acrylonitrile	53	Compound	Not	Detected.				
31 Methyl t-butyl ether	73	Compound	Not	Detected.				
32 trans-1,2-Dichloroethene	96	Compound	Not	Detected.				
33 Hexane	57	Compound	Not	Detected.				
34 Vinyl acetate	43	Compound	Not	Detected.				
35 Isopropyl ether	87	Compound	Not	Detected.				
36 1,1-Dichloroethane	63	Compound	Not	Detected.				
37 Chloroprene	53	Compound	Not	Detected.				
38 ETBE	59	Compound	Not	Detected.				
39 2-Butanone	43	Compound	Not	Detected.				
40 sec-Butyl Alcohol	45	Compound	Not	Detected.				
41 Ethyl Acetate	43	Compound	Not	Detected.				
42 cis-1,2-Dichloroethene	96	Compound	Not	Detected.				
43 Propionitrile	54	Compound	Not	Detected.				
44 2,2-Dichloropropane	77	Compound	Not	Detected.				
45 Methacrylonitrile	41	Compound	Not	Detected.				
46 Bromochloromethane	128	Compound	Not	Detected.				
47 Chloroform	83	Compound	Not	Detected.				
48 Tetrahydrofuran	42	Compound	Not	Detected.				
51 1,1,1-Trichloroethane	97	Compound	Not	Detected.				
50 Isobutanol	41	Compound	Not	Detected.				
52 Cyclohexane	56	Compound	Not	Detected.				
53 1,1-Dichloropropene	75	Compound	Not	Detected.				
54 Carbon Tetrachloride	117	Compound	Not	Detected.				
56 1,2-Dichloroethane	62	Compound	Not	Detected.				
58 Benzene	78	Compound	Not	Detected.				
57 TAME	73	Compound	Not	Detected.				
60 n-Butanol	56	Compound	Not	Detected.				
61 Trichloroethene	95	Compound	Not	Detected.				
62 2-Pentanone	43	Compound	Not	Detected.				
63 Methyl Methacrylate	100	Compound	Not	Detected.				
64 1,2-Dichloropropane	63	Compound	Not	Detected.				
65 Methyl Cyclohexane	55	8.525	8.518	(1.056)	51130	0.50146	99.9518(a)	
66 1,4-Dioxane	88	Compound	Not	Detected.				
67 Dibromomethane	93	Compound	Not	Detected.				
68 Bromodichloromethane	83	Compound	Not	Detected.				
69 2-nitropropane	41	Compound	Not	Detected.				
70 2-Chloroethyl vinyl ether	63	Compound	Not	Detected.				

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
	MASS						(ug/L)	(ug/Kg)
71 cis-1,3-Dichloropropene	75					Compound Not Detected.		
72 4-Methyl-2-pentanone	43					Compound Not Detected.		
74 Toluene	91					Compound Not Detected.		
76 trans-1,3-Dichloropropene	75					Compound Not Detected.		
75 Ethyl methacrylate	69					Compound Not Detected.		
77 1,1,2-Trichloroethane	97					Compound Not Detected.		
78 2-Hexanone	43					Compound Not Detected.		
79 1,3-Dichloropropane	76					Compound Not Detected.		
80 Tetrachloroethene	164					Compound Not Detected.		
81 Dibromochloromethane	129					Compound Not Detected.		
82 Tetrahydrothiophene	60					Compound Not Detected.		
83 1,2-Dibromoethane	107					Compound Not Detected.		
84 1-Chlorohexane	91					Compound Not Detected.		
86 Chlorobenzene	112					Compound Not Detected.		
87 1,1,1,2-Tetrachloroethane	131					Compound Not Detected.		
88 Ethylbenzene	106					Compound Not Detected.		
89 m and p-Xylene	106					Compound Not Detected.		
90 o-Xylene	106					Compound Not Detected.		
91 Styrene	104					Compound Not Detected.		
92 Bromoform	173					Compound Not Detected.		
93 isopropyl benzene	105					Compound Not Detected.		
94 cis-1,4-dichloro-2-butene	53					Compound Not Detected.		
95 Cyclohexanone	55					Compound Not Detected.		
97 1,1,2,2-Tetrachloroethane	83					Compound Not Detected.		
98 t-1,4-Dichloro-2-butene	53					Compound Not Detected.		
99 1,2,3-Trichloropropane	110					Compound Not Detected.		
101 Bromobenzene	156					Compound Not Detected.		
100 n-Propylbenzene	120		11.349	11.348	(0.931)	29963	0.31811	63.4055(a)
103 2-Chlorotoluene	126					Compound Not Detected.		
102 1,3,5-Trimethylbenzene	105		11.456	11.455	(0.940)	247042	0.97460	194.260(a)
104 4-Chlorotoluene	126					Compound Not Detected.		
105 tert-Butylbenzene	119					Compound Not Detected.		
106 1,2,4-Trimethylbenzene	105		11.799	11.798	(0.968)	979269	3.99658	796.607(Q)
107 sec-Butylbenzene	134		11.957	11.956	(0.981)	28133	0.38146	76.0335(aQ)
108 4-Isopropyltoluene	119		12.050	12.049	(0.988)	130821	0.47065	93.8108(a)
109 1,3-Dichlorobenzene	146					Compound Not Detected.		
111 1,4-dichlorobenzene	146					Compound Not Detected.		
112 1,2,3-Trimethylbenzene	105		12.207	12.200	(1.001)	402680	2.01042	400.722
113 n-Butylbenzene	91		12.436	12.435	(1.020)	149294	0.53480	106.598(a)
114 1,2-Dichlorobenzene	146					Compound Not Detected.		
115 1,2-Dibromo-3-chloropropane	157					Compound Not Detected.		
116 1,2,4-Trichlorobenzene	180					Compound Not Detected.		
117 Hexachlorobutadiene	225					Compound Not Detected.		
118 Naphthalene	128		14.824	14.823	(1.216)	64645	1.21667	242.509(a)
120 1,2,3-Trichlorobenzene	180					Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: P0908.D

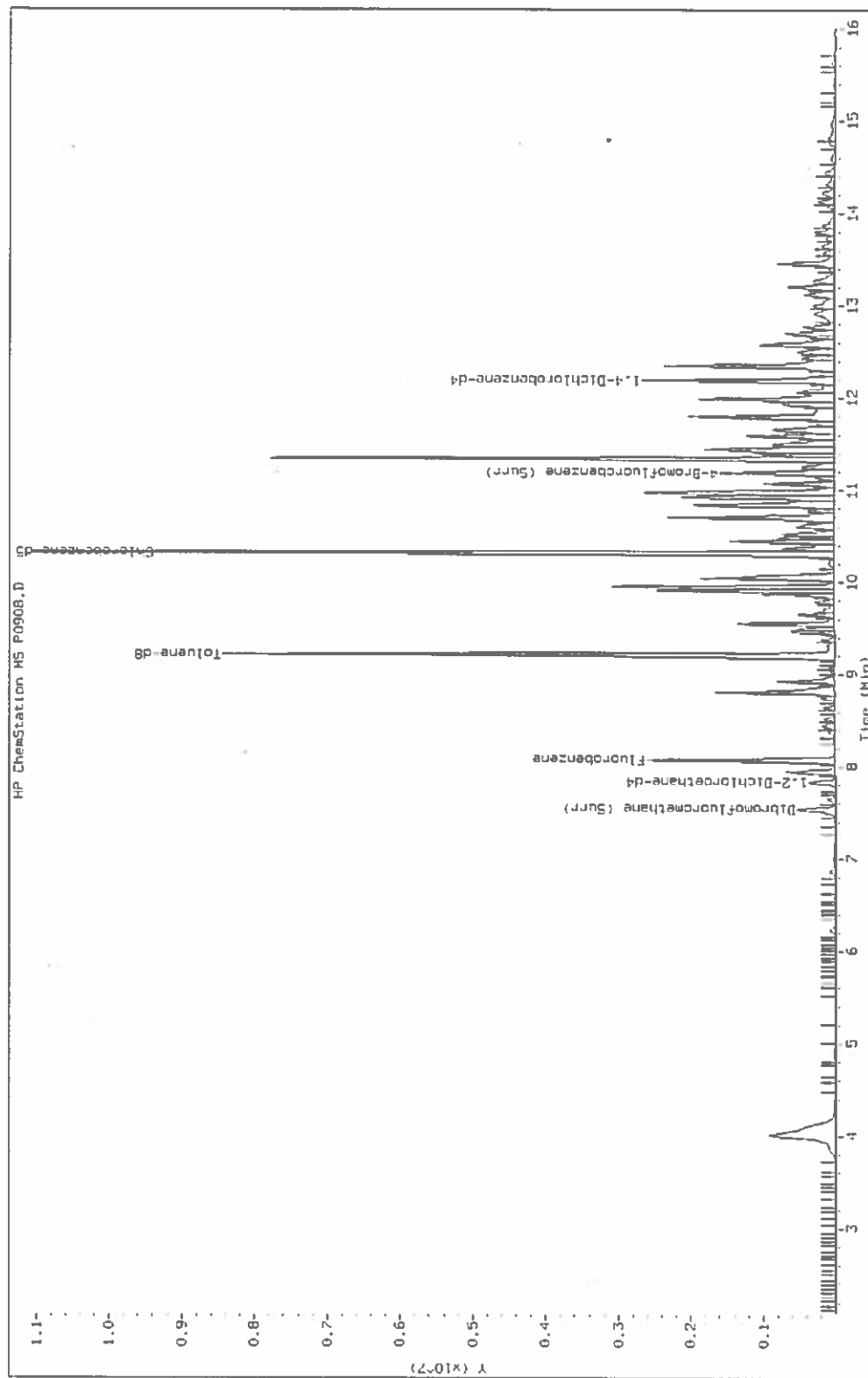
Date: 10-AUG-2011 14:21

Client ID: SB04-15

Instrument: P.i

Sample Info: 280-18743-b-1-b,,5.017,mLe

Operator: ZhouH



Data File: P0908.D

Date: 10-AUG-2011 14:21

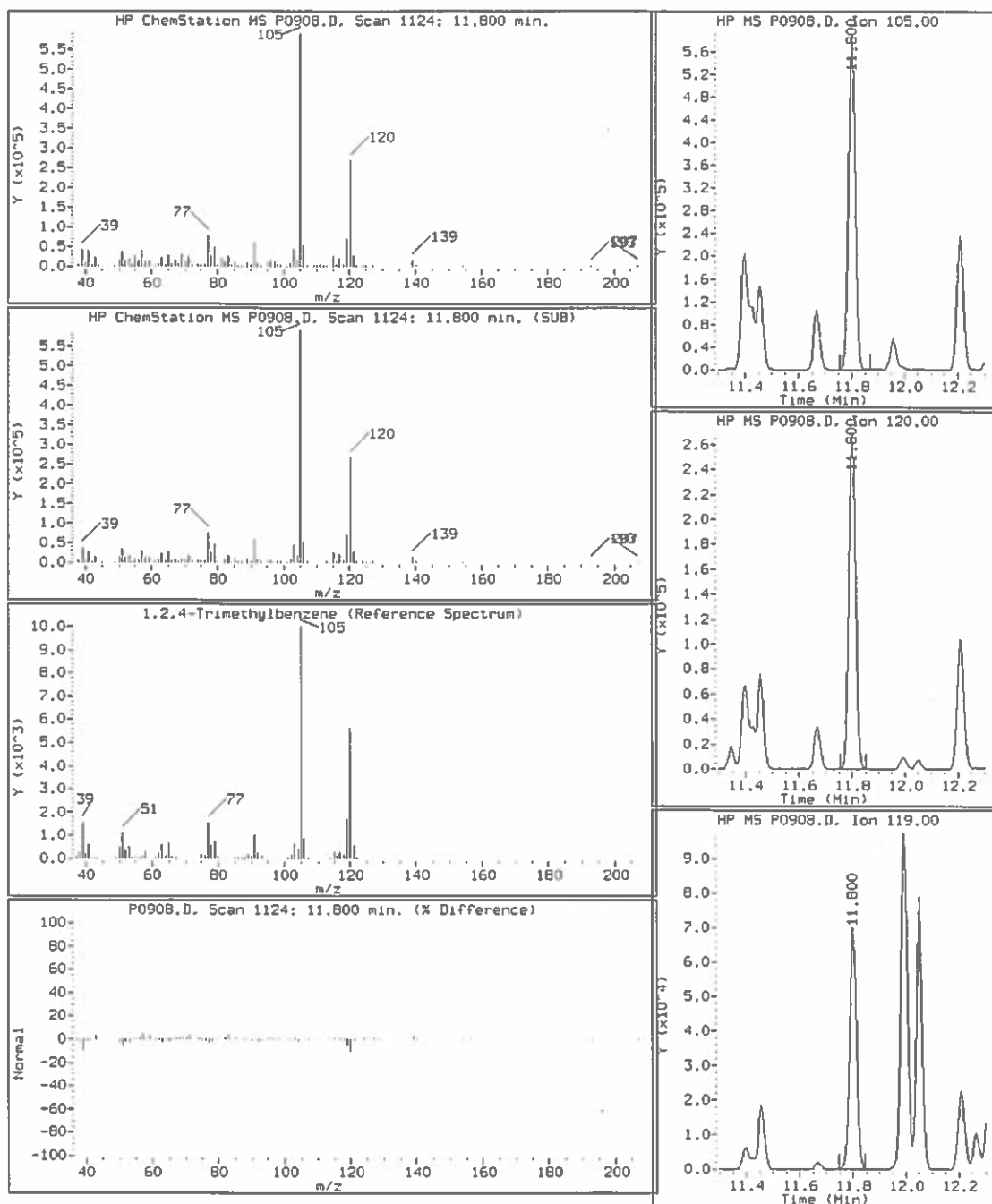
Client ID: SB04-15

Instrument: P.i

Sample Info: 280-18743-b-1-b,,5.017,mLe

Operator: ZhouH

106 1,2,4-Trimethylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB04-25 Lab Sample ID: 280-18743-2
 Matrix: Solid Lab File ID: J8285.D
 Analysis Method: 8260B Date Collected: 08/02/2011 09:20
 Sample wt/vol: 5.119(g) Date Analyzed: 08/05/2011 21:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 (75.53) ID: 0.53 (mm)
 % Moisture: 17.6 Level: (low/med) Low
 Analysis Batch No.: 80245 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		3.0	0.66
10061-01-5	cis-1,3-Dichloropropene	ND		5.9	1.5
179601-23-1	m-Xylene & p-Xylene	ND		3.0	1.2
103-65-1	N-Propylbenzene	ND		5.9	0.69
104-51-8	n-Butylbenzene	ND		5.9	0.66
95-47-6	o-Xylene	ND		3.0	0.72
135-98-8	sec-Butylbenzene	ND		5.9	0.91
98-06-6	tert-Butylbenzene	ND		5.9	0.59
156-60-5	trans-1,2-Dichloroethene	ND		3.0	0.46
10061-02-6	trans-1,3-Dichloropropene	ND		5.9	0.79
67-64-1	Acetone	ND		24	6.4
71-43-2	Benzene	ND		5.9	0.56
108-86-1	Bromobenzene	ND		5.9	0.58
74-97-5	Chlorobromomethane	ND		5.9	0.36
75-27-4	Dichlorobromomethane	ND		5.9	0.26
75-25-2	Bromoform	ND		5.9	0.27
74-83-9	Bromomethane	ND		12	0.59
56-23-5	Carbon tetrachloride	ND		5.9	0.75
108-90-7	Chlorobenzene	ND		5.9	0.64
124-48-1	Chlorodibromomethane	ND		5.9	0.68
75-00-3	Chloroethane	ND		12	1.1
67-66-3	Chloroform	ND		12	0.34
74-87-3	Chloromethane	ND		12	0.91
74-95-3	Dibromomethane	ND		5.9	1.0
75-71-8	Dichlorodifluoromethane	ND		12	0.62
100-41-4	Ethylbenzene	ND		5.9	0.79
87-68-3	Hexachlorobutadiene	ND		5.9	0.65
98-82-8	Isopropylbenzene	ND		5.9	0.70
1634-04-4	Methyl tert-butyl ether	ND		24	0.40
75-09-2	Methylene Chloride	ND		5.9	0.89
91-20-3	Naphthalene	ND		5.9	0.75
100-42-5	Styrene	ND		5.9	0.75
127-18-4	Tetrachloroethene	ND		5.9	0.70
108-88-3	Toluene	ND		5.9	0.82
79-01-6	Trichloroethene	ND		5.9	0.27
75-69-4	Trichlorofluoromethane	ND		12	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB04-25

Lab Sample ID: 280-18743-2

Matrix: Solid

Lab File ID: J8285.D

Analysis Method: 8260B

Date Collected: 08/02/2011 09:20

Sample wt/vol: 5.119(g)

Date Analyzed: 08/05/2011 21:05

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: DB-624 (75.53) ID: 0.53(mm)

% Moisture: 17.6

Level: (low/med) Low

Analysis Batch No.: 80245

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	ND		5.9	1.6
1330-20-7	Xylenes, Total	ND		5.9	0.72
75-34-3	1,1-Dichloroethane	ND		5.9	0.25
75-35-4	1,1-Dichloroethene	ND		5.9	0.70
563-58-6	1,1-Dichloropropene	ND		5.9	0.64
71-55-6	1,1,1-Trichloroethane	ND		5.9	0.62
630-20-6	1,1,1,2-Tetrachloroethane	ND		5.9	0.66
79-00-5	1,1,2-Trichloroethane	ND		5.9	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.9	0.72
96-12-8	1,2-Dibromo-3-Chloropropane	ND		12	0.71
106-93-4	1,2-Dibromoethane	ND		5.9	0.62
95-50-1	1,2-Dichlorobenzene	ND		5.9	0.53
107-06-2	1,2-Dichloroethane	ND		5.9	0.83
540-59-0	1,2-Dichloroethene, Total	ND		5.9	0.46
78-87-5	1,2-Dichloropropane	ND		5.9	0.65
87-61-6	1,2,3-Trichlorobenzene	ND		5.9	0.89
96-18-4	1,2,3-Trichloropropane	ND		5.9	0.96
120-82-1	1,2,4-Trichlorobenzene	ND		5.9	0.87
95-63-6	1,2,4-Trimethylbenzene	ND		5.9	0.69
541-73-1	1,3-Dichlorobenzene	ND		5.9	0.57
142-28-9	1,3-Dichloropropane	ND		5.9	0.60
108-67-8	1,3,5-Trimethylbenzene	ND		5.9	0.68
106-46-7	1,4-Dichlorobenzene	ND		5.9	0.92
78-93-3	2-Butanone (MEK)	ND		24	2.2
95-49-8	2-Chlorotoluene	ND		5.9	0.60
591-78-6	2-Hexanone	ND		24	5.8
594-20-7	2,2-Dichloropropane	ND		5.9	0.52
106-43-4	4-Chlorotoluene	ND		5.9	0.92
99-87-6	4-Isopropyltoluene	ND		5.9	0.58
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		24	5.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB04-25 Lab Sample ID: 280-18743-2
Matrix: Solid Lab File ID: J8285.D
Analysis Method: 8260B Date Collected: 08/02/2011 09:20
Sample wt/vol: 5.119(g) Date Analyzed: 08/05/2011 21:05
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 (75.53) ID: 0.53(mm)
% Moisture: 17.6 Level: (low/med) Low
Analysis Batch No.: 80245 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		58-140
2037-26-5	Toluene-d8 (Surr)	103		80-126
460-00-4	4-Bromofluorobenzene (Surr)	96		76-127
1868-53-7	Dibromofluoromethane (Surr)	99		75-121

TestAmerica

VOLATILE REPORT SW-846

Data file : \\DenSvr03\Public\chem\MSV\J.i\080511P.B\J8285.D
Lab Smp Id: 280-18743-B-2-B Client Smp ID: SB04-25
Inj Date : 05-AUG-2011 21:05
Operator : REINHARDT Inst ID: J.i
Smp Info : 280-18743-B-2-B
Misc Info : 280-18743-B-2-B
Comment :
Method : \\DenSvr03\Public\chem\MSV\J.i\080511P.B\8260B-soil.m
Meth Date : 08-Aug-2011 07:12 J.i Quant Type: ISTD
Cal Date : 02-AUG-2011 11:29 Cal File: J8149.D
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TALS-all.sub
Target Version: 4.14
Processing Host: DENPC232

Concentration Formula: Amt * DF * Vp/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vp	5.000	Purge Volume (mL)
Ws	5.119	Weight of sample (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
*****	****	-----	----	-----	-----	-----	-----	-----
* 61 Fluorobenzene	96		6.807	6.803 (1.000)		2122888	50.0000	
* 87 Chlorobenzene-d5	119		9.991	9.987 (1.000)		514095	50.0000	
* 112 1,4-Dichlorobenzene-d4	152		13.036	13.032 (1.000)		770915	50.0000	
\$ 51 Dibromofluoromethane (Surr)	111		6.111	6.107 (0.898)		977671	54.2584	52.9970
\$ 57 1,2-Dichloroethane-d4	65		6.459	6.455 (0.949)		696500	49.2335	48.0890
\$ 75 Toluene-d8	98		8.408	8.421 (0.842)		2115963	56.8354	55.5142
\$ 98 4-Bromofluorobenzene (Surr)	95		11.523	11.536 (0.884)		1186055	52.8283	51.6002
M 1 1,2-Dichloroethene (total)	96		Compound Not Detected.					
M 2 Xylene (total)	106		Compound Not Detected.					
M 3 1,3-Dichloropropane (total)	75		Compound Not Detected.					
M 4 Trihalomethanes (total)	83		Compound Not Detected.					
6 dichlorodifluoromethane	85		Compound Not Detected.					
7 1,2-Dichlorotetrafluoroethane	85		Compound Not Detected.					
8 Chloromethane	50		Compound Not Detected.					
9 Vinyl Chloride	62		Compound Not Detected.					
11 Ethylene Oxide	44		Compound Not Detected.					
12 Bromomethane	94		Compound Not Detected.					
13 Chloroethane	64		Compound Not Detected.					
15 Trichlorofluoromethane	101		Compound Not Detected.					
16 Ethanol	45		Compound Not Detected.					
17 Ethyl Ether	59		Compound Not Detected.					
18 1,2-dichloro-1,1,2-trifluoro	117		Compound Not Detected.					

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)	
20 2,2-dichloro-1,1,1-trifluoro	83							
19 Acrolein	56							
22 1,1-Dichloroethene	96							
23 Trichlorotrifluoroethane	151							
21 Acetone	43	3.902	3.921	(0.573)	25846	9.23187	9.01726(a)	
24 2-Propanol	45							
25 Iodomethane	142							
26 Carbon Disulfide	76							
27 Acetonitrile	41							
28 Allyl Chloride	41							
29 Methyl Acetate	43							
30 Methylene Chloride	84	4.354	4.356	(0.640)	23567	0.66540	0.649936(aQ)	
31 tert-Butyl alcohol	59							
32 Acrylonitrile	53							
33 Methyl t-butyl ether	73							
34 trans-1,2-Dichloroethene	96							
35 Hexane	57							
36 1,1-Dichloroethane	63							
37 Vinyl acetate	43							
38 Isopropyl ether	87							
39 Chloroprene	53							
40 ETBE	59							
43 2-Butanone	43	5.624	5.626	(0.826)	15577	2.63506	2.57380(a)	
41 cis-1,2-Dichloroethene	96							
42 2,2-Dichloropropane	77							
44 Ethyl Acetate	43							
45 Propionitrile	54							
46 2-Butanol	45							
47 Methacrylonitrile	41							
48 Bromochloromethane	128							
49 Tetrahydrofuran	42							
50 Chloroform	83							
52 1,1,1-Trichloroethane	97							
53 Cyclohexane	56	6.233	6.229	(0.916)	21999	0.87266	0.852371(aQ)	
54 1,1-Dichloropropene	75							
55 Carbon Tetrachloride	117							
56 Isobutanol	41							
58 Benzene	78							
59 1,2-Dichloroethane	62							
60 TAME	73							
62 n-Butanol	56	7.051	7.036	(1.036)	7544	22.5119	21.9886(aQ)	
63 Trichloroethene	95							
64 2-Pentanone	43							
65 Methyl Cyclohexane	83	7.382	7.377	(1.084)	10274	0.49587	0.484346(aQ)	
66 1,2-Dichloropropane	63							
67 Methyl Methacrylate	100							
69 1,4-Dioxane	88							
68 Dibromomethane	93							
70 Bromodichloromethane	83							
71 2-nitropropane	41							
72 2-Chloroethyl vinyl ether	63							
73 cis-1,3-Dichloropropene	75							
74 4-Methyl-2-pentanone	43							
76 Toluene	91							

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/L)	FINAL (ug/Kg)
77 trans-1,3-Dichloropropene	75				Compound Not Detected.		
78 Ethyl methacrylate	69				Compound Not Detected.		
79 1,1,2-Trichloroethane	97				Compound Not Detected.		
80 Tetrachloroethene	164				Compound Not Detected.		
81 1,3-Dichloropropane	76				Compound Not Detected.		
82 2-Hexanone	43				Compound Not Detected.		
83 Dibromochloromethane	129				Compound Not Detected.		
85 1,2-Dibromoethane	107				Compound Not Detected.		
86 1-Chlorohexane	91				Compound Not Detected.		
88 Chlorobenzene	112				Compound Not Detected.		
89 1,1,1,2-Tetrachloroethane	131				Compound Not Detected.		
90 Ethylbenzene	106				Compound Not Detected.		
91 m and p-Xylene	106				Compound Not Detected.		
92 o-Xylene	106				Compound Not Detected.		
93 Styrene	104				Compound Not Detected.		
94 Bromoform	173				Compound Not Detected.		
95 isopropyl benzene	105				Compound Not Detected.		
96 cis-1,4-Dichloro-2-butene	53				Compound Not Detected.		
97 Cyclohexanone	55				Compound Not Detected.		
99 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
100 Bromobenzene	156				Compound Not Detected.		
101 t-1,4-Dichloro-2-butene	53				Compound Not Detected.		
102 1,2,3-Trichloropropane	110				Compound Not Detected.		
103 n-Propylbenzene	120				Compound Not Detected.		
104 2-Chlorotoluene	126				Compound Not Detected.		
105 1,3,5-Trimethylbenzene	105				Compound Not Detected.		
106 4-Chlorotoluene	126				Compound Not Detected.		
107 tert-Butylbenzene	119				Compound Not Detected.		
108 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
109 sec-Butylbenzene	105				Compound Not Detected.		
110 1,3-Dichlorobenzene	146				Compound Not Detected.		
111 4-Isopropyltoluene	119				Compound Not Detected.		
113 1,4-dichlorobenzene	146				Compound Not Detected.		
114 1,2,3-Trimethylbenzene	105				Compound Not Detected.		
115 n-Butylbenzene	91				Compound Not Detected.		
116 1,2-Dichlorobenzene	146				Compound Not Detected.		
117 1,2-Dibromo-3-chloropropane	157				Compound Not Detected.		
118 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
120 Hexachlorobutadiene	225				Compound Not Detected.		
121 Naphthalene	128				Compound Not Detected.		
122 1,2,3-Trichlorobenzene	180				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: J8285.D

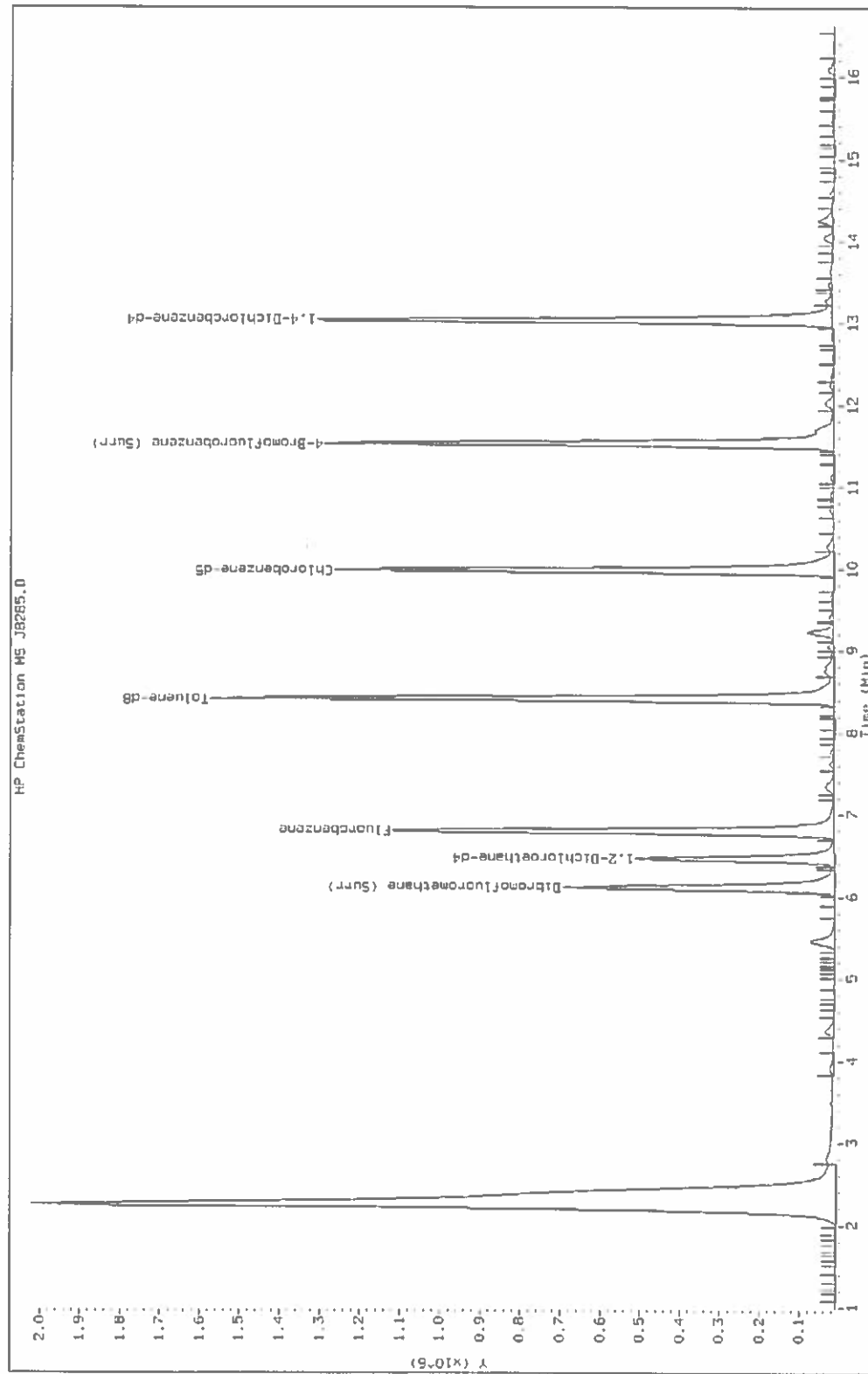
Date: 05-AUG-2011 21:05

Client ID: SB04-25

Sample Info: 280-18743-B-2-B

Instrument: J.i

Operator: REINHARDT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Matrix: Solid

Lab File ID: J8286.D

Analysis Method: 8260B

Date Collected: 08/02/2011 09:50

Sample wt/vol: 5.478(g)

Date Analyzed: 08/05/2011 21:27

Soil Aliquot Vol: _____

Dilution Factor: 1

Soil Extract Vol.: _____

GC Column: DB-624 (75.53) ID: 0.53(mm)

% Moisture: 7.2

Level: (low/med) Low

Analysis Batch No.: 80245

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		2.5	0.55
10061-01-5	cis-1,3-Dichloropropene	ND		4.9	1.3
179601-23-1	m-Xylene & p-Xylene	ND		2.5	1.0
103-65-1	N-Propylbenzene	ND		4.9	0.57
104-51-8	n-Butylbenzene	ND		4.9	0.55
95-47-6	o-Xylene	ND		2.5	0.60
135-98-8	sec-Butylbenzene	ND		4.9	0.76
98-06-6	tert-Butylbenzene	ND		4.9	0.49
156-60-5	trans-1,2-Dichloroethene	ND		2.5	0.38
10061-02-6	trans-1,3-Dichloropropene	ND		4.9	0.66
67-64-1	Acetone	ND		20	5.3
71-43-2	Benzene	ND		4.9	0.46
108-86-1	Bromobenzene	ND		4.9	0.48
74-97-5	Chlorobromomethane	ND		4.9	0.30
75-27-4	Dichlorobromomethane	ND		4.9	0.22
75-25-2	Bromoform	ND		4.9	0.23
74-83-9	Bromomethane	ND		9.8	0.49
56-23-5	Carbon tetrachloride	ND		4.9	0.62
108-90-7	Chlorobenzene	ND		4.9	0.53
124-48-1	Chlorodibromomethane	ND		4.9	0.56
75-00-3	Chloroethane	ND		9.8	0.88
67-66-3	Chloroform	ND		9.8	0.29
74-87-3	Chloromethane	ND		9.8	0.76
74-95-3	Dibromomethane	ND		4.9	0.83
75-71-8	Dichlorodifluoromethane	ND		9.8	0.51
100-41-4	Ethylbenzene	ND		4.9	0.66
87-68-3	Hexachlorobutadiene	ND		4.9	0.54
98-82-8	Isopropylbenzene	ND		4.9	0.58
1634-04-4	Methyl tert-butyl ether	ND		20	0.33
75-09-2	Methylene Chloride	ND		4.9	0.74
91-20-3	Naphthalene	ND		4.9	0.62
100-42-5	Styrene	ND		4.9	0.62
127-18-4	Tetrachloroethene	ND		4.9	0.58
108-88-3	Toluene	ND		4.9	0.68
79-01-6	Trichloroethene	ND		4.9	0.23
75-69-4	Trichlorofluoromethane	ND		9.8	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB05-10 Lab Sample ID: 280-18743-3
 Matrix: Solid Lab File ID: J8286.D
 Analysis Method: 8260B Date Collected: 08/02/2011 09:50
 Sample wt/vol: 5.478(g) Date Analyzed: 08/05/2011 21:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 (75.53) ID: 0.53(mm)
 % Moisture: 7.2 Level: (low/med) Low
 Analysis Batch No.: 80245 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	ND		4.9	1.3
1330-20-7	Xylenes, Total	ND		4.9	0.60
75-34-3	1,1-Dichloroethane	ND		4.9	0.21
75-35-4	1,1-Dichloroethene	ND		4.9	0.58
563-58-6	1,1-Dichloropropene	ND		4.9	0.53
71-55-6	1,1,1-Trichloroethane	ND		4.9	0.51
630-20-6	1,1,1,2-Tetrachloroethane	ND		4.9	0.55
79-00-5	1,1,2-Trichloroethane	ND		4.9	0.87
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.9	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	ND		9.8	0.59
106-93-4	1,2-Dibromoethane	ND		4.9	0.51
95-50-1	1,2-Dichlorobenzene	ND		4.9	0.44
107-06-2	1,2-Dichloroethane	ND		4.9	0.69
540-59-0	1,2-Dichloroethene, Total	ND		4.9	0.38
78-87-5	1,2-Dichloropropane	ND		4.9	0.54
87-61-6	1,2,3-Trichlorobenzene	ND		4.9	0.74
96-18-4	1,2,3-Trichloropropane	ND		4.9	0.80
120-82-1	1,2,4-Trichlorobenzene	ND		4.9	0.72
95-63-6	1,2,4-Trimethylbenzene	ND		4.9	0.57
541-73-1	1,3-Dichlorobenzene	ND		4.9	0.47
142-28-9	1,3-Dichloropropane	ND		4.9	0.50
108-67-8	1,3,5-Trimethylbenzene	ND		4.9	0.56
106-46-7	1,4-Dichlorobenzene	ND		4.9	0.77
78-93-3	2-Butanone (MEK)	ND		20	1.8
95-49-8	2-Chlorotoluene	ND		4.9	0.50
591-78-6	2-Hexanone	ND		20	4.8
594-20-7	2,2-Dichloropropane	ND		4.9	0.43
106-43-4	4-Chlorotoluene	ND		4.9	0.77
99-87-6	4-Isopropyltoluene	ND		4.9	0.48
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		20	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB05-10 Lab Sample ID: 280-18743-3
Matrix: Solid Lab File ID: J8286.D
Analysis Method: 8260B Date Collected: 08/02/2011 09:50
Sample wt/vol: 5.478(g) Date Analyzed: 08/05/2011 21:27
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 (75.53) ID: 0.53(mm)
% Moisture: 7.2 Level: (low/med) Low
Analysis Batch No.: 80245 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		58-140
2037-26-5	Toluene-d8 (Surr)	95		80-126
460-00-4	4-Bromofluorobenzene (Surr)	89		76-127
1868-53-7	Dibromofluoromethane (Surr)	90		75-121

TestAmerica

VOLATILE REPORT SW-846

Data file : \\DenSvr03\Public\chem\MSV\J.i\080511P.B\J8286.D
Lab Smp Id: 280-18743-B-3-B Client Smp ID: SB05-10
Inj Date : 05-AUG-2011 21:27
Operator : REINHARDT Inst ID: J.i
Smp Info : 280-18743-B-3-B
Misc Info : 280-18743-B-3-B
Comment :
Method : \\DenSvr03\Public\chem\MSV\J.i\080511P.B\8260B-soil.m
Meth Date : 08-Aug-2011 07:12 J.i Quant Type: ISTD
Cal Date : 02-AUG-2011 11:29 Cal File: J8149.D
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TALS-all.sub
Target Version: 4.14
Processing Host: DENPC232

Concentration Formula: Amt * DF * Vp/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vp	5.000	Purge Volume (mL)
Ws	5.478	Weight of sample (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 61 Fluorobenzene	96		6.804	6.803 (1.000)		2077345	50.0000	
* 87 Chlorobenzene-d5	119		9.988	9.987 (1.000)		500923	50.0000	
* 112 1,4-Dichlorobenzene-d4	152		13.033	13.032 (1.000)		740139	50.0000	
S 51 Dibromofluoromethane (Surr)	111		6.108	6.107 (0.898)		877621	49.7737	45.4305
S 57 1,2-Dichloroethane-d4	65		6.456	6.455 (0.949)		635461	45.9036	41.8981
S 75 Toluene-d8	98		8.405	8.421 (0.841)		1892821	52.1786	47.6256
S 98 4-Bromofluorobenzene (Surr)	95		11.519	11.536 (0.884)		1060555	49.2026	44.9093
M 1 1,2-Dichloroethene (total)	96		Compound Not Detected.					
M 2 Xylene (total)	106		Compound Not Detected.					
M 3 1,3-Dichloropropane (total)	75		Compound Not Detected.					
M 4 Trihalomethanes (total)	83		Compound Not Detected.					
6 dichlorodifluoromethane	85		Compound Not Detected.					
7 1,2-Dichlorotetrafluoroethane	85		Compound Not Detected.					
8 Chloromethane	50		Compound Not Detected.					
9 Vinyl Chloride	62		Compound Not Detected.					
11 Ethylene Oxide	44		Compound Not Detected.					
12 Bromomethane	94		Compound Not Detected.					
13 Chloroethane	64		Compound Not Detected.					
15 Trichlorofluoromethane	101		Compound Not Detected.					
16 Ethanol	45		Compound Not Detected.					
17 Ethyl Ether	59		Compound Not Detected.					
18 1,2-dichloro-1,1,2-trifluoro	117		Compound Not Detected.					

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
20 2,2-dichloro-1,1,1-trifluoro	83							
19 Acrolein	56							
22 1,1-Dichloroethene	96							
23 Trichlorotrifluoroethane	151							
21 Acetone	43							
24 2-Propanol	45							
25 Iodomethane	142							
26 Carbon Disulfide	76							
27 Acetonitrile	41							
28 Allyl Chloride	41							
29 Methyl Acetate	43							
30 Methylene Chloride	84		4.368	4.356	(0.642)	21630	0.51660	0.471519(a)
31 tert-Butyl alcohol	59							
32 Acrylonitrile	53							
33 Methyl t-butyl ether	73							
34 trans-1,2-Dichloroethene	96							
35 Hexane	57							
36 1,1-Dichloroethane	63							
37 Vinyl acetate	43							
38 Isopropyl ether	87							
39 Chloroprene	53							
40 ETBE	59							
43 2-Butanone	43							
41 cis-1,2-Dichloroethene	96							
42 2,2-Dichloropropane	77							
44 Ethyl Acetate	43							
45 Propionitrile	54							
46 2-Butanol	45							
47 Methacrylonitrile	41							
48 Bromochloromethane	128							
49 Tetrahydrofuran	42							
50 Chloroform	83							
52 1,1,1-Trichloroethane	97							
53 Cyclohexane	56							
54 1,1-Dichloropropene	75							
55 Carbon Tetrachloride	117							
56 Isobutanol	41							
58 Benzene	78							
59 1,2-Dichloroethane	62							
60 TAME	73							
62 n-Butanol	56		7.030	7.036	(1.033)	6588	20.0901	18.3371(aQ)
63 Trichloroethene	95							
64 2-Pentanone	43							
65 Methyl Cyclohexane	83							
66 1,2-Dichloropropane	63							
67 Methyl Methacrylate	100							
69 1,4-Dioxane	88							
68 Dibromomethane	93							
70 Bromodichloromethane	83							
71 2-nitropropane	41							
72 2-Chloroethyl vinyl ether	63							
73 cis-1,3-Dichloropropene	75							
74 4-Methyl-2-pentanone	43							
76 Toluene	91							

Compounds	QUANT SIG						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
	MASS						(ug/L)	(ug/Kg)
77 trans-1,3-Dichloropropene	75				Compound Not Detected.			
78 Ethyl methacrylate	69				Compound Not Detected.			
79 1,1,2-Trichloroethane	97				Compound Not Detected.			
80 Tetrachloroethene	164				Compound Not Detected.			
81 1,3-Dichloropropane	76				Compound Not Detected.			
82 2-Hexanone	43				Compound Not Detected.			
83 Dibromochloromethane	129				Compound Not Detected.			
85 1,2-Dibromoethane	107				Compound Not Detected.			
86 1-Chlorohexane	91				Compound Not Detected.			
88 Chlorobenzene	112				Compound Not Detected.			
89 1,1,1,2-Tetrachloroethane	131				Compound Not Detected.			
90 Ethylbenzene	106				Compound Not Detected.			
91 m and p-Xylene	106				Compound Not Detected.			
92 o-Xylene	106				Compound Not Detected.			
93 Styrene	104				Compound Not Detected.			
94 Bromoform	173				Compound Not Detected.			
95 isopropyl benzene	105				Compound Not Detected.			
96 cis-1,4-Dichloro-2-butene	53				Compound Not Detected.			
97 Cyclohexanone	55				Compound Not Detected.			
99 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.			
100 Bromobenzene	156				Compound Not Detected.			
101 t-1,4-Dichloro-2-butene	53				Compound Not Detected.			
102 1,2,3-Trichloropropane	110				Compound Not Detected.			
103 n-Propylbenzene	120				Compound Not Detected.			
104 2-Chlorotoluene	126				Compound Not Detected.			
105 1,3,5-Trimethylbenzene	105				Compound Not Detected.			
106 4-Chlorotoluene	126				Compound Not Detected.			
107 tert-Butylbenzene	119				Compound Not Detected.			
108 1,2,4-Trimethylbenzene	105				Compound Not Detected.			
109 sec-Butylbenzene	105				Compound Not Detected.			
110 1,3-Dichlorobenzene	146				Compound Not Detected.			
111 4-Isopropyltoluene	119				Compound Not Detected.			
113 1,4-dichlorobenzene	146				Compound Not Detected.			
114 1,2,3-Trimethylbenzene	105				Compound Not Detected.			
115 n-Butylbenzene	91				Compound Not Detected.			
116 1,2-Dichlorobenzene	146				Compound Not Detected.			
117 1,2-Dibromo-3-chloropropane	157				Compound Not Detected.			
118 1,2,4-Trichlorobenzene	180				Compound Not Detected.			
120 Hexachlorobutadiene	225				Compound Not Detected.			
121 Naphthalene	128				Compound Not Detected.			
122 1,2,3-Trichlorobenzene	180				Compound Not Detected.			

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: J8286.D

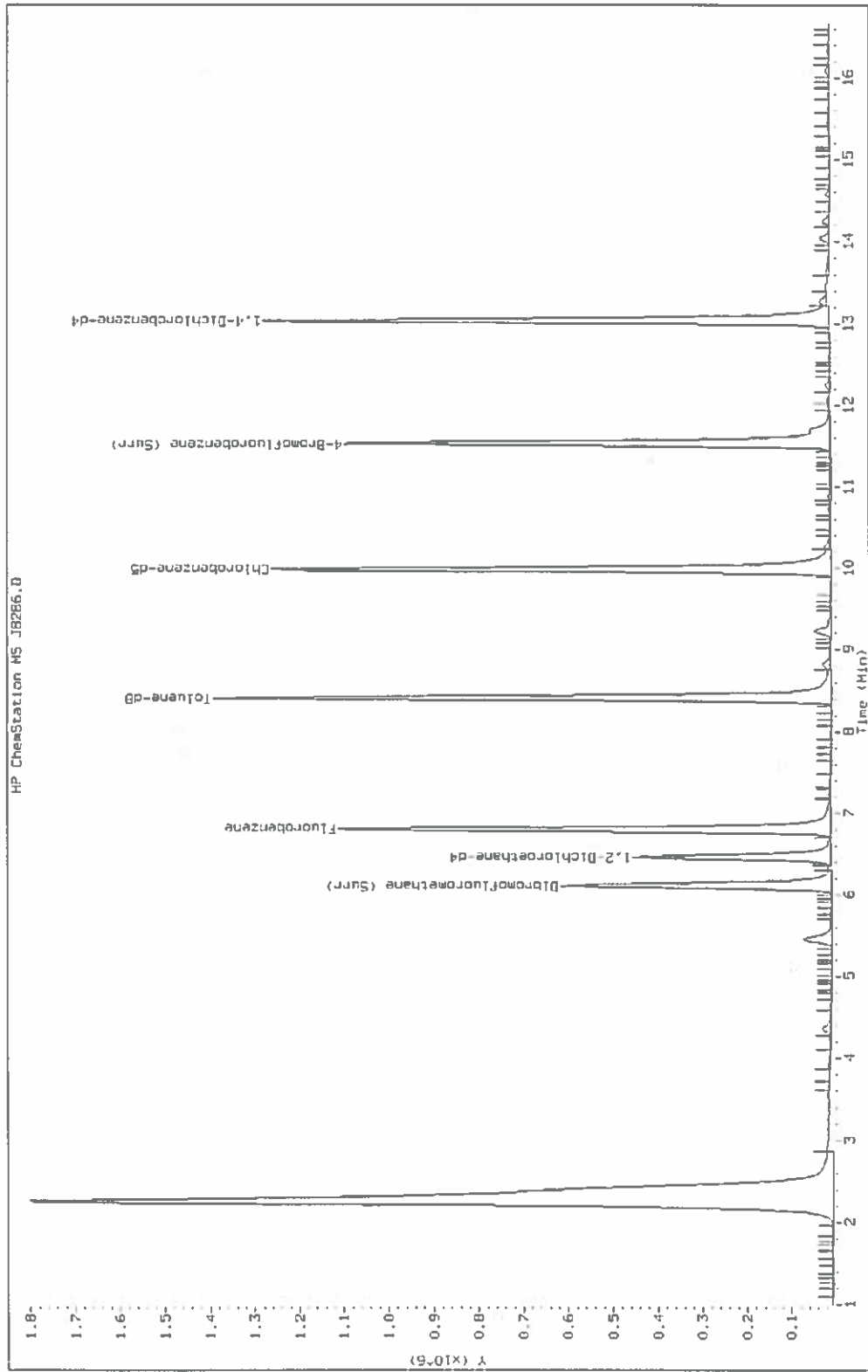
Date: 05-AUG-2011 21:27

Client ID: SB05-10

Instrument: J.i

Sample Info: 280-18743-B-3-B

Operator: REINHARDT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB06-10 Lab Sample ID: 280-18743-4
 Matrix: Solid Lab File ID: P0909.D
 Analysis Method: 8260B Date Collected: 08/02/2011 10:08
 Sample wt/vol: 5.023(g) Date Analyzed: 08/10/2011 14:42
 Soil Aliquot Vol: 20 (mL) Dilution Factor: 1
 Soil Extract Vol.: 1000(mL) GC Column: DB-624 (60.25) ID: 0.25 (mm)
 % Moisture: 7.6 Level: (low/med) Medium
 Analysis Batch No.: 80860 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		130	24
10061-01-5	cis-1,3-Dichloropropene	ND		270	29
179601-23-1	m-Xylene & p-Xylene	ND		270	84
103-65-1	N-Propylbenzene	ND		270	44
104-51-8	n-Butylbenzene	ND		270	34
95-47-6	o-Xylene	ND		130	38
135-98-8	sec-Butylbenzene	ND		270	41
98-06-6	tert-Butylbenzene	ND		270	30
156-60-5	trans-1,2-Dichloroethene	ND		130	48
10061-02-6	trans-1,3-Dichloropropene	ND		270	45
67-64-1	Acetone	ND		1100	430
71-43-2	Benzene	ND		270	49
108-86-1	Bromobenzene	ND		270	20
74-97-5	Chlorobromomethane	ND		270	51
75-27-4	Dichlorobromomethane	ND		270	43
75-25-2	Bromoform	ND		270	31
74-83-9	Bromomethane	ND		540	51
56-23-5	Carbon tetrachloride	ND		270	18
108-90-7	Chlorobenzene	ND		270	32
124-48-1	Chlorodibromomethane	ND		270	36
75-00-3	Chloroethane	ND		540	47
67-66-3	Chloroform	ND		270	50
74-87-3	Chloromethane	ND		540	54
74-95-3	Dibromomethane	ND		270	32
75-71-8	Dichlorodifluoromethane	ND		540	24
100-41-4	Ethylbenzene	ND		270	37
87-68-3	Hexachlorobutadiene	ND		270	53
98-82-8	Isopropylbenzene	ND		270	31
1634-04-4	Methyl tert-butyl ether	ND		270	54
75-09-2	Methylene Chloride	ND		270	74
91-20-3	Naphthalene	ND		540	41
100-42-5	Styrene	ND		270	28
127-18-4	Tetrachloroethene	ND		270	29
108-88-3	Toluene	ND		270	42
79-01-6	Trichloroethene	ND		270	25
75-69-4	Trichlorofluoromethane	ND		540	54

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB06-10 Lab Sample ID: 280-18743-4
 Matrix: Solid Lab File ID: P0909.D
 Analysis Method: 8260B Date Collected: 08/02/2011 10:08
 Sample wt/vol: 5.023(g) Date Analyzed: 08/10/2011 14:42
 Soil Aliquot Vol: 20 (mL) Dilution Factor: 1
 Soil Extract Vol.: 1000(mL) GC Column: DB-624 (60.25) ID: 0.25(mm)
 % Moisture: 7.6 Level: (low/med) Medium
 Analysis Batch No.: 80860 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	ND		540	29
1330-20-7	Xylenes, Total	ND		270	38
75-34-3	1,1-Dichloroethane	ND		270	54
75-35-4	1,1-Dichloroethene	ND		270	54
563-58-6	1,1-Dichloropropene	ND		270	52
71-55-6	1,1,1-Trichloroethane	ND		270	22
630-20-6	1,1,1,2-Tetrachloroethane	ND		270	23
79-00-5	1,1,2-Trichloroethane	ND		270	29
79-34-5	1,1,2,2-Tetrachloroethane	ND		270	31
96-12-8	1,2-Dibromo-3-Chloropropane	ND		540	93
106-93-4	1,2-Dibromoethane	ND		270	27
95-50-1	1,2-Dichlorobenzene	ND		270	100
107-06-2	1,2-Dichloroethane	ND		270	27
540-59-0	1,2-Dichloroethene, Total	ND		270	24
78-87-5	1,2-Dichloropropane	ND		270	50
87-61-6	1,2,3-Trichlorobenzene	ND		270	38
96-18-4	1,2,3-Trichloropropane	ND		270	51
120-82-1	1,2,4-Trichlorobenzene	ND		270	50
95-63-6	1,2,4-Trimethylbenzene	310		270	33
541-73-1	1,3-Dichlorobenzene	ND		270	44
142-28-9	1,3-Dichloropropane	ND		270	30
108-67-8	1,3,5-Trimethylbenzene	ND		270	42
106-46-7	1,4-Dichlorobenzene	ND		270	27
78-93-3	2-Butanone (MEK)	ND		1100	320
95-49-8	2-Chlorotoluene	ND		270	28
591-78-6	2-Hexanone	ND		1100	230
594-20-7	2,2-Dichloropropane	ND		270	29
106-43-4	4-Chlorotoluene	ND		270	25
99-87-6	4-Isopropyltoluene	ND		270	34
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		1100	240

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB06-10 Lab Sample ID: 280-18743-4
Matrix: Solid Lab File ID: P0909.D
Analysis Method: 8260B Date Collected: 08/02/2011 10:08
Sample wt/vol: 5.023(g) Date Analyzed: 08/10/2011 14:42
Soil Aliquot Vol: 20 (mL) Dilution Factor: 1
Soil Extract Vol.: 1000(mL) GC Column: DB-624 (60.25) ID: 0.25(mm)
% Moisture: 7.6 Level: (low/med) Medium
Analysis Batch No.: 80860 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		50-139
2037-26-5	Toluene-d8 (Surr)	89		68-143
460-00-4	4-Bromofluorobenzene (Surr)	85		62-133
1868-53-7	Dibromofluoromethane (Surr)	92		60-133

Data File: \\DenSvr03\Public\chem\MSV\P.i\081011M.B\P0909.D
Report Date: 10-Aug-2011 15:52

Page 1

TestAmerica

VOLATILE REPORT SW-846

Data file : \\DenSvr03\Public\chem\MSV\P.i\081011M.B\P0909.D
Lab Smp Id: 280-18743-B-4-B Client Smp ID: SB06-10
Inj Date : 10-AUG-2011 14:42
Operator : ZhouH Inst ID: P.i
Smp Info : 280-18743-b-4-b,,5.023,mLe
Misc Info : 280-18743-B-4-B
Comment :
Method : \\DenSvr03\Public\chem\MSV\P.i\081011M.B\8260B-med.m
Meth Date : 10-Aug-2011 12:19 zhouh Quant Type: ISTD
Cal Date : 25-MAY-2011 18:26 Cal File: P8796.D
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TALSall.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vp/Va)*(Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1000.000	unit correction factor (g/Kg)
Vp	20.000	Purge Volume (mL)
Va	100.000	Vol of MeOH extract used (uL)
Vf	5.000	Final Volume MeOH Extraction (mL)
Ws	5.023	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ug/L)	(ug/Kg)
* 59 Fluorobenzene	96	8.073	8.067 (1.000)		2666134	12,5000	
* 85 Chlorobenzene-d5	119	10.304	10.298 (1.000)		544414	12,5000	
* 110 1,4-Dichlorobenzene-d4	152	12.185	12.186 (1.000)		633429	12,5000	(Q)
S 49 Dibromofluoromethane (Surr)	111	7.537	7.538 (0.934)		456231	9,24626	1840,78
S 55 1,2-Dichloroethane-d4	65	7.830	7.832 (0.970)		339197	8,91831	1775,49
S 73 Toluene-d8	98	9.210	9.212 (0.894)		2341705	8,94969	1781,74
S 96 4-Bromofluorobenzene (Surr)	95	11.184	11.185 (0.918)		632367	8,47103	1686,45
M 1 1,2-Dichloroethene (total)	96	Compound Not Detected.					
M 2 Xylene (total)	106	Compound Not Detected.					
M 3 Trihalomethanes (total)	100	Compound Not Detected.					
M 4 1,3-Dichloropropene (total)	100	Compound Not Detected.					
5 dichlorodifluoromethane	85	Compound Not Detected.					
6 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
7 Chloromethane	50	Compound Not Detected.					
8 Vinyl Chloride	62	Compound Not Detected.					
9 Ethylene Oxide	43	Compound Not Detected.					
10 Bromomethane	94	Compound Not Detected.					
11 Chloroethane	64	Compound Not Detected.					
12 Dichlorofluoromethane	67	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ug/L)	FINAL (ug/Kg)
14 Ethanol	45				Compound Not Detected.			
15 1,2-dichloro-1,1,2-trifluoroethane	117				Compound Not Detected.			
16 Ethyl Ether	59				Compound Not Detected.			
17 2,2-dichloro-1,1,1-trifluoroethane	83				Compound Not Detected.			
18 Acrolein	56				Compound Not Detected.			
20 Acetone	43				Compound Not Detected.			
19 Trichlorotrifluoroethane	151				Compound Not Detected.			
21 2-propanol	45				Compound Not Detected.			
22 1,1-Dichloroethene	96				Compound Not Detected.			
23 Iodomethane	142				Compound Not Detected.			
24 Acetonitrile	41				Compound Not Detected.			
25 Methyl Acetate	43				Compound Not Detected.			
27 Carbon Disulfide	76				Compound Not Detected.			
26 Allyl Chloride	41				Compound Not Detected.			
28 tert-Butyl alcohol	59				Compound Not Detected.			
29 Methylene Chloride	84				Compound Not Detected.			
30 Acrylonitrile	53				Compound Not Detected.			
31 Methyl t-butyl ether	73				Compound Not Detected.			
32 trans-1,2-Dichloroethene	96				Compound Not Detected.			
33 Hexane	57	6.586	6.580 (0.639)		37573	0.30548	60.8167 (a)	
34 Vinyl acetate	43				Compound Not Detected.			
35 Isopropyl ether	87				Compound Not Detected.			
36 1,1-Dichloroethane	63				Compound Not Detected.			
37 Chloroprene	53				Compound Not Detected.			
38 ETBE	59				Compound Not Detected.			
39 2-Butanone	43				Compound Not Detected.			
40 sec-Butyl Alcohol	45				Compound Not Detected.			
41 Ethyl Acetate	43				Compound Not Detected.			
42 cis-1,2-Dichloroethene	96				Compound Not Detected.			
43 Propionitrile	54				Compound Not Detected.			
44 2,2-Dichloropropane	77				Compound Not Detected.			
45 Methacrylonitrile	41				Compound Not Detected.			
46 Bromochloromethane	128				Compound Not Detected.			
47 Chloroform	83				Compound Not Detected.			
48 Tetrahydrofuran	42				Compound Not Detected.			
51 1,1,1-Trichloroethane	97				Compound Not Detected.			
50 Isobutanol	41				Compound Not Detected.			
52 Cyclohexane	56				Compound Not Detected.			
53 1,1-Dichloropropene	75				Compound Not Detected.			
54 Carbon Tetrachloride	117				Compound Not Detected.			
56 1,2-Dichloroethane	62				Compound Not Detected.			
58 Benzene	78				Compound Not Detected.			
57 TAME	73				Compound Not Detected.			
60 n-Butanol	56				Compound Not Detected.			
61 Trichloroethene	95				Compound Not Detected.			
62 2-Pentanone	43				Compound Not Detected.			
63 Methyl Methacrylate	100				Compound Not Detected.			
64 1,2-Dichloropropane	63				Compound Not Detected.			
65 Methyl Cyclohexane	55	8.517	8.518 (1.055)		182709	1.81916	362.166	
66 1,4-Dioxane	88				Compound Not Detected.			
67 Dibromomethane	93				Compound Not Detected.			
68 Bromodichloromethane	83				Compound Not Detected.			
69 2-nitropropane	41				Compound Not Detected.			
70 2-Chloroethyl vinyl ether	63				Compound Not Detected.			

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/L)	FINAL (ug/Kg)
71 cis-1,3-Dichloropropene	75				Compound Not Detected.		
72 4-Methyl-2-pentanone	43				Compound Not Detected.		
74 Toluene	91				Compound Not Detected.		
76 trans-1,3-Dichloropropene	75				Compound Not Detected.		
75 Ethyl methacrylate	69				Compound Not Detected.		
77 1,1,2-Trichloroethane	97				Compound Not Detected.		
78 2-Hexanone	43				Compound Not Detected.		
79 1,3-Dichloropropane	76				Compound Not Detected.		
80 Tetrachloroethene	164				Compound Not Detected.		
81 Dibromochloromethane	129				Compound Not Detected.		
82 Tetrahydrothiophene	60				Compound Not Detected.		
83 1,2-Dibromoethane	107				Compound Not Detected.		
84 1-Chlorohexane	91				Compound Not Detected.		
86 Chlorobenzene	112				Compound Not Detected.		
87 1,1,1,2-Tetrachloroethane	131				Compound Not Detected.		
88 Ethylbenzene	106				Compound Not Detected.		
89 m and p-Xylene	106				Compound Not Detected.		
90 o-Xylene	106				Compound Not Detected.		
91 Styrene	104				Compound Not Detected.		
92 Bromoform	173				Compound Not Detected.		
93 isopropyl benzene	105				Compound Not Detected.		
94 cis-1,4-dichloro-2-butene	53				Compound Not Detected.		
95 Cyclohexanone	55				Compound Not Detected.		
97 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
98 t-1,4-Dichloro-2-butene	53				Compound Not Detected.		
99 1,2,3-Trichloropropane	110				Compound Not Detected.		
101 Bromobenzene	156				Compound Not Detected.		
100 n-Propylbenzene	120				Compound Not Detected.		
103 2-Chlorotoluene	126				Compound Not Detected.		
102 1,3,5-Trimethylbenzene	105	11.455	11.455 (0.940)		89568	0.36469	72.6037(a)
104 4-Chlorotoluene	126				Compound Not Detected.		
105 tert-Butylbenzene	119				Compound Not Detected.		
106 1,2,4-Trimethylbenzene	105	11.799	11.798 (0.968)		346455	1.45930	290.524(Q)
107 sec-Butylbenzene	134				Compound Not Detected.		
108 4-Isopropyltoluene	119	12.049	12.049 (0.989)		44347	0.16466	32.7818(a)
109 1,3-Dichlorobenzene	146				Compound Not Detected.		
111 1,4-dichlorobenzene	146				Compound Not Detected.		
112 1,2,3-Trimethylbenzene	105	12.206	12.200 (1.002)		169156	0.87162	173.526(a)
113 n-Butylbenzene	91	12.435	12.435 (1.021)		53090	0.19628	39.0763(a)
114 1,2-Dichlorobenzene	146				Compound Not Detected.		
115 1,2-Dibromo-3-chloropropane	157				Compound Not Detected.		
116 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
117 Hexachlorobutadiene	225				Compound Not Detected.		
118 Naphthalene	128	14.823	14.823 (1.217)		30116	0.58499	116.462(a)
120 1,2,3-Trichlorobenzene	180				Compound Not Detected.		

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: P0909.D

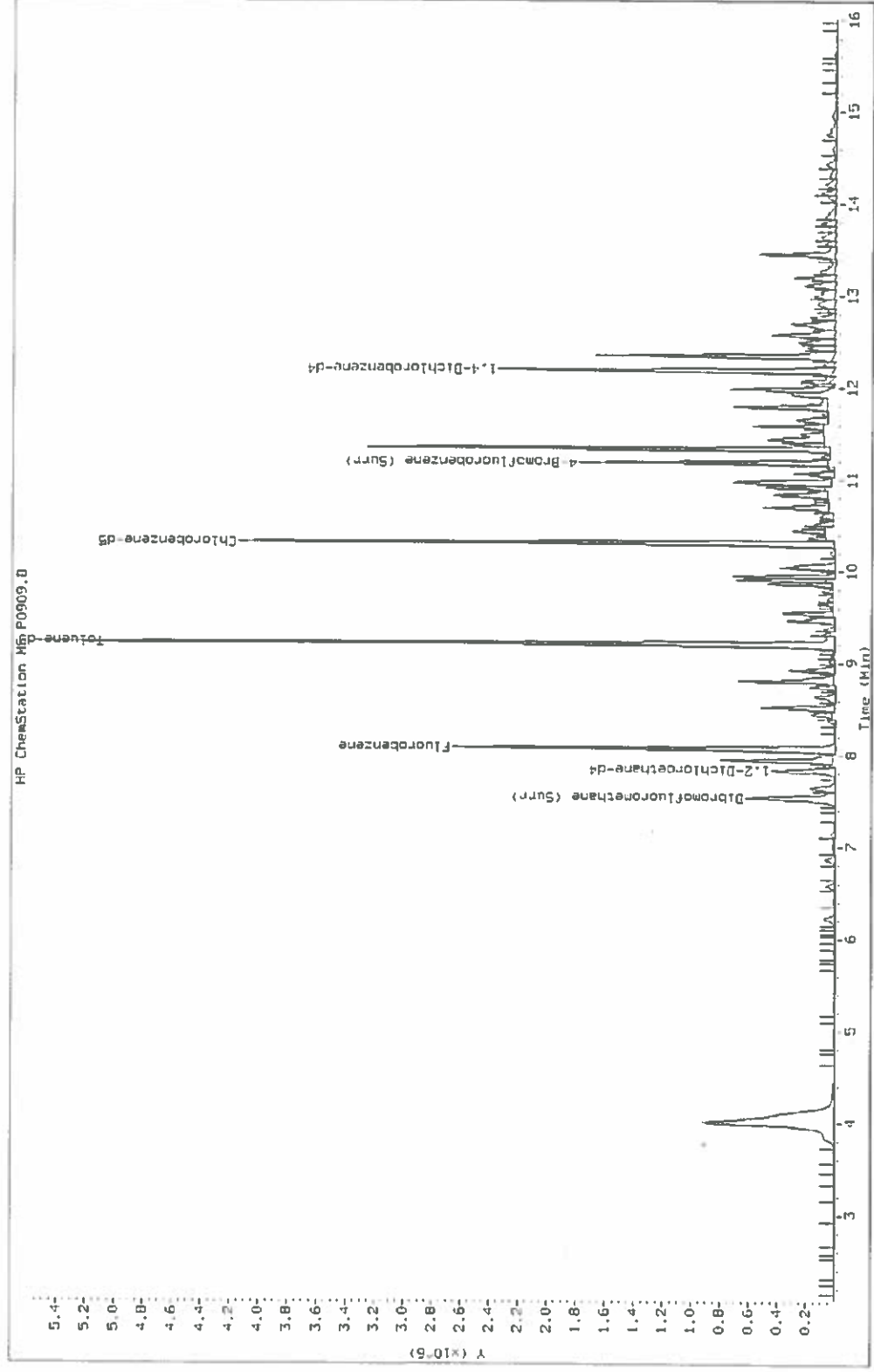
Date: 10-AUG-2011 14:42

Client ID: SB06-10

Instrument: P.i

Operator: ZhouH

Sample Info: 280-18743-b-4-b, 5.023, mL



Data File: P0909.D

Date: 10-AUG-2011 14:42

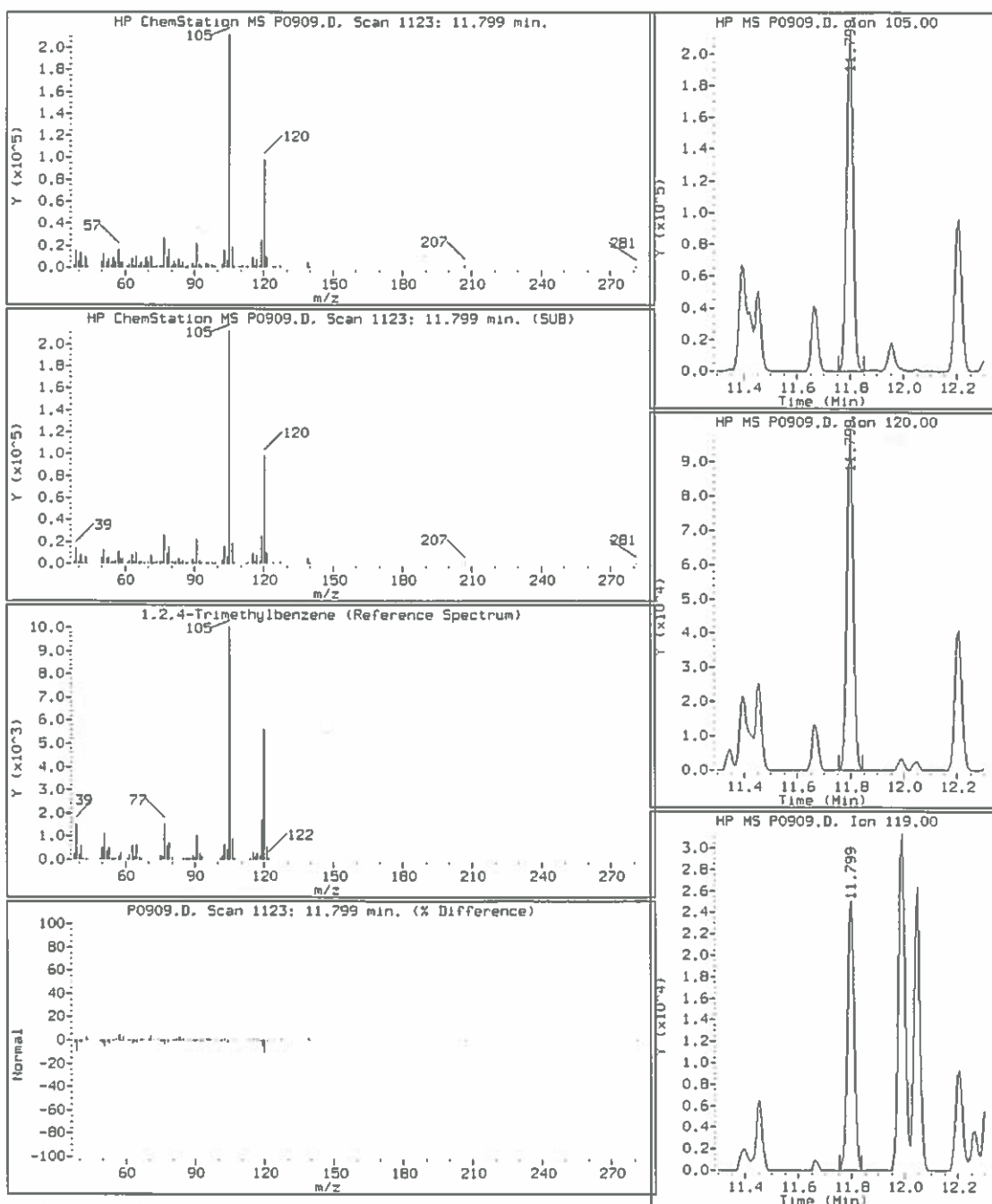
Client ID: SB06-10

Instrument: P.i

Sample Info: 280-18743-b-4-b,,5.023,mLe

Operator: ZhouH

106 1,2,4-Trimethylbenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB06-20 Lab Sample ID: 280-18743-5
 Matrix: Solid Lab File ID: J8287.D
 Analysis Method: 8260B Date Collected: 08/02/2011 10:30
 Sample wt/vol: 5.175(g) Date Analyzed: 08/05/2011 21:50
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 (75.53) ID: 0.53(mm)
 % Moisture: 18.9 Level: (low/med) Low
 Analysis Batch No.: 80245 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		3.0	0.67
10061-01-5	cis-1,3-Dichloropropene	ND		6.0	1.5
179601-23-1	m-Xylene & p-Xylene	ND		3.0	1.2
103-65-1	N-Propylbenzene	ND		6.0	0.69
104-51-8	n-Butylbenzene	ND		6.0	0.67
95-47-6	o-Xylene	ND		3.0	0.73
135-98-8	sec-Butylbenzene	ND		6.0	0.92
98-06-6	tert-Butylbenzene	ND		6.0	0.60
156-60-5	trans-1,2-Dichloroethene	ND		3.0	0.46
10061-02-6	trans-1,3-Dichloropropene	ND		6.0	0.80
67-64-1	Acetone	ND		24	6.4
71-43-2	Benzene	ND		6.0	0.56
108-86-1	Bromobenzene	ND		6.0	0.58
74-97-5	Chlorobromomethane	ND		6.0	0.36
75-27-4	Dichlorobromomethane	ND		6.0	0.26
75-25-2	Bromoform	ND		6.0	0.27
74-83-9	Bromomethane	ND		12	0.60
56-23-5	Carbon tetrachloride	ND		6.0	0.75
108-90-7	Chlorobenzene	ND		6.0	0.64
124-48-1	Chlorodibromomethane	ND		6.0	0.68
75-00-3	Chloroethane	ND		12	1.1
67-66-3	Chloroform	ND		12	0.35
74-87-3	Chloromethane	ND		12	0.92
74-95-3	Dibromomethane	ND		6.0	1.0
75-71-8	Dichlorodifluoromethane	ND		12	0.62
100-41-4	Ethylbenzene	ND		6.0	0.80
87-68-3	Hexachlorobutadiene	ND		6.0	0.66
98-82-8	Isopropylbenzene	ND		6.0	0.70
1634-04-4	Methyl tert-butyl ether	ND		24	0.41
75-09-2	Methylene Chloride	ND		6.0	0.89
91-20-3	Naphthalene	ND		6.0	0.75
100-42-5	Styrene	ND		6.0	0.75
127-18-4	Tetrachloroethene	ND		6.0	0.70
108-88-3	Toluene	ND		6.0	0.82
79-01-6	Trichloroethene	ND		6.0	0.27
75-69-4	Trichlorofluoromethane	ND		12	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB06-20 Lab Sample ID: 280-18743-5
 Matrix: Solid Lab File ID: J8287.D
 Analysis Method: 8260B Date Collected: 08/02/2011 10:30
 Sample wt/vol: 5.175(g) Date Analyzed: 08/05/2011 21:50
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 (75.53) ID: 0.53(mm)
 % Moisture: 18.9 Level: (low/med) Low
 Analysis Batch No.: 80245 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	ND		6.0	1.6
1330-20-7	Xylenes, Total	ND		6.0	0.73
75-34-3	1,1-Dichloroethane	ND		6.0	0.25
75-35-4	1,1-Dichloroethene	ND		6.0	0.70
563-58-6	1,1-Dichloropropene	ND		6.0	0.64
71-55-6	1,1,1-Trichloroethane	ND		6.0	0.62
630-20-6	1,1,1,2-Tetrachloroethane	ND		6.0	0.67
79-00-5	1,1,2-Trichloroethane	ND		6.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	ND		6.0	0.73
96-12-8	1,2-Dibromo-3-Chloropropane	ND		12	0.71
106-93-4	1,2-Dibromoethane	ND		6.0	0.62
95-50-1	1,2-Dichlorobenzene	ND		6.0	0.54
107-06-2	1,2-Dichloroethane	ND		6.0	0.83
540-59-0	1,2-Dichloroethene, Total	ND		6.0	0.46
78-87-5	1,2-Dichloropropane	ND		6.0	0.66
87-61-6	1,2,3-Trichlorobenzene	ND		6.0	0.89
96-18-4	1,2,3-Trichloropropane	ND		6.0	0.97
120-82-1	1,2,4-Trichlorobenzene	ND		6.0	0.87
95-63-6	1,2,4-Trimethylbenzene	ND		6.0	0.69
541-73-1	1,3-Dichlorobenzene	ND		6.0	0.57
142-28-9	1,3-Dichloropropane	ND		6.0	0.61
108-67-8	1,3,5-Trimethylbenzene	ND		6.0	0.68
106-46-7	1,4-Dichlorobenzene	ND		6.0	0.93
78-93-3	2-Butanone (MEK)	ND		24	2.2
95-49-8	2-Chlorotoluene	ND		6.0	0.61
591-78-6	2-Hexanone	ND		24	5.8
594-20-7	2,2-Dichloropropane	ND		6.0	0.52
106-43-4	4-Chlorotoluene	ND		6.0	0.93
99-87-6	4-Isopropyltoluene	ND		6.0	0.58
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		24	5.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB06-20 Lab Sample ID: 280-18743-5
Matrix: Solid Lab File ID: J8287.D
Analysis Method: 8260B Date Collected: 08/02/2011 10:30
Sample wt/vol: 5.175(g) Date Analyzed: 08/05/2011 21:50
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 (75.53) ID: 0.53(mm)
% Moisture: 18.9 Level: (low/med) Low
Analysis Batch No.: 80245 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	77		58-140
2037-26-5	Toluene-d8 (Surr)	88		80-126
460-00-4	4-Bromofluorobenzene (Surr)	83		76-127
1868-53-7	Dibromofluoromethane (Surr)	85		75-121

Data File: \\DenSvr03\Public\chem\MSV\J.i\080511P.B\J8287.D
Report Date: 08-Aug-2011 07:58

Page 1

TestAmerica

VOLATILE REPORT SW-846

Data file : \\DenSvr03\Public\chem\MSV\J.i\080511P.B\J8287.D
Lab Smp Id: 280-18743-B-5-B Client Smp ID: SB06-20
Inj Date : 05-AUG-2011 21:50
Operator : REINHARDT Inst ID: J.i
Smp Info : 280-18743-B-5-B
Misc Info : 280-18743-B-5-B
Comment :
Method : \\DenSvr03\Public\chem\MSV\J.i\080511P.B\8260B-soil.m
Meth Date : 08-Aug-2011 07:12 J.i Quant Type: ISTD
Cal Date : 02-AUG-2011 11:29 Cal File: J8149.D
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TALS-all.sub
Target Version: 4.14
Processing Host: DENPC368

Concentration Formula: Amt * DF * Vp/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vp	5.000	Purge Volume (mL)
Ws	5.175	Weight of sample (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
*****	****	----	-----	-----	-----	-----	-----
* 61 Fluorobenzene	96	6.803	6.803 (1.000)		2106245	50.0000	
* 87 Chlorobenzene-d5	119	9.988	9.987 (1.000)		507110	50.0000	
* 112 1,4-Dichlorobenzene-d4	152	13.032	13.032 (1.000)		738842	50.0000	
S 51 Dibromofluoromethane (Surr)	111	6.107	6.107 (0.898)		831382	46.5043	44.9317
S 57 1,2-Dichloroethane-d4	65	6.473	6.455 (0.951)		597219	42.5492	41.1103
S 75 Toluene-d8	98	8.422	8.421 (0.843)		1779625	48.4597	46.8209
S 98 4-Bromofluorobenzene (Surr)	95	11.519	11.536 (0.884)		984384	45.7490	44.2019
M 1 1,2-Dichloroethene (total)	96		Compound Not Detected.				
M 2 Xylene (total)	106		Compound Not Detected.				
M 3 1,3-Dichloropropane (total)	75		Compound Not Detected.				
M 4 Trihalomethanes (total)	83		Compound Not Detected.				
6 dichlorodifluoromethane	85		Compound Not Detected.				
7 1,2-Dichlorotetrafluoroethane	85		Compound Not Detected.				
8 Chloromethane	50		Compound Not Detected.				
9 Vinyl Chloride	62		Compound Not Detected.				
11 Ethylene Oxide	44		Compound Not Detected.				
12 Bromomethane	94		Compound Not Detected.				
13 Chloroethane	64		Compound Not Detected.				
15 Trichlorofluoromethane	101		Compound Not Detected.				
16 Ethanol	45		Compound Not Detected.				
17 Ethyl Ether	59		Compound Not Detected.				
18 1,2-dichloro-1,1,2-trifluoro	117		Compound Not Detected.				

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/L)	FINAL (ug/Kg)
20 2,2-dichloro-1,1,1-trifluoro	83						
19 Acrolein	56						
22 1,1-Dichloroethene	96						
23 Trichlorotrifluoroethane	151						
21 Acetone	43						
24 2-Propanol	45						
25 Iodomethane	142						
26 Carbon Disulfide	76						
27 Acetonitrile	41						
28 Allyl Chloride	41						
29 Methyl Acetate	43						
30 Methylene Chloride	84	4.367	4.356	(0.642)	22813	0.60704	0.586511 (aQ)
31 tert-Butyl alcohol	59						
32 Acrylonitrile	53						
33 Methyl t-butyl ether	73						
34 trans-1,2-Dichloroethene	96						
35 Hexane	57						
36 1,1-Dichloroethane	63						
37 Vinyl acetate	43						
38 Isopropyl ether	87						
39 Chloroprene	53						
40 ETBE	59						
43 2-Butanone	43						
41 cis-1,2-Dichloroethene	96						
42 2,2-Dichloropropane	77						
44 Ethyl Acetate	43						
45 Propionitrile	54						
46 2-Butanol	45						
47 Methacrylonitrile	41						
48 Bromochloromethane	128						
49 Tetrahydrofuran	42						
50 Chloroform	83						
52 1,1,1-Trichloroethane	97						
53 Cyclohexane	56						
54 1,1-Dichloropropene	75						
55 Carbon Tetrachloride	117						
56 Isobutanol	41						
58 Benzene	78						
59 1,2-Dichloroethane	62						
60 TAME	73						
62 n-Butanol	56	7.047	7.036	(1.036)	5545	16.6775	16.1135 (aQ)
63 Trichloroethene	95						
64 2-Pentanone	43						
65 Methyl Cyclohexane	83						
66 1,2-Dichloropropane	63						
67 Methyl Methacrylate	100						
69 1,4-Dioxane	88						
68 Dibromomethane	93						
70 Bromodichloromethane	83						
71 2-nitropropane	41						
72 2-Chloroethyl vinyl ether	63						
73 cis-1,3-Dichloropropene	75						
74 4-Methyl-2-pentanone	43						
76 Toluene	91						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ug/L)	(ug/Kg)
77 trans-1,3-Dichloropropene	75				Compound Not Detected.		
78 Ethyl methacrylate	69				Compound Not Detected.		
79 1,1,2-Trichloroethane	97				Compound Not Detected.		
80 Tetrachloroethene	164				Compound Not Detected.		
81 1,3-Dichloropropane	76				Compound Not Detected.		
82 2-Hexanone	43				Compound Not Detected.		
83 Dibromochloromethane	129				Compound Not Detected.		
85 1,2-Dibromoethane	107				Compound Not Detected.		
86 1-Chlorohexane	91				Compound Not Detected.		
88 Chlorobenzene	112				Compound Not Detected.		
89 1,1,1,2-Tetrachloroethane	131				Compound Not Detected.		
90 Ethylbenzene	106				Compound Not Detected.		
91 m and p-Xylene	106				Compound Not Detected.		
92 o-Xylene	106				Compound Not Detected.		
93 Styrene	104				Compound Not Detected.		
94 Bromoform	173				Compound Not Detected.		
95 isopropyl benzene	105				Compound Not Detected.		
96 cis-1,4-Dichloro-2-butene	53				Compound Not Detected.		
97 Cyclohexanone	55				Compound Not Detected.		
99 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.		
100 Bromobenzene	156				Compound Not Detected.		
101 t-1,4-Dichloro-2-butene	53				Compound Not Detected.		
102 1,2,3-Trichloropropane	110				Compound Not Detected.		
103 n-Propylbenzene	120				Compound Not Detected.		
104 2-Chlorotoluene	126				Compound Not Detected.		
105 1,3,5-Trimethylbenzene	105				Compound Not Detected.		
106 4-Chlorotoluene	126				Compound Not Detected.		
107 tert-Butylbenzene	119				Compound Not Detected.		
108 1,2,4-Trimethylbenzene	105				Compound Not Detected.		
109 sec-Butylbenzene	105				Compound Not Detected.		
110 1,3-Dichlorobenzene	146				Compound Not Detected.		
111 4-Isopropyltoluene	119				Compound Not Detected.		
113 1,4-dichlorobenzene	146				Compound Not Detected.		
114 1,2,3-Trimethylbenzene	105				Compound Not Detected.		
115 n-Butylbenzene	91				Compound Not Detected.		
116 1,2-Dichlorobenzene	146				Compound Not Detected.		
117 1,2-Dibromo-3-chloropropane	157				Compound Not Detected.		
118 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
120 Hexachlorobutadiene	225				Compound Not Detected.		
121 Naphthalene	128				Compound Not Detected.		
122 1,2,3-Trichlorobenzene	180				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation (BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: J8287.D

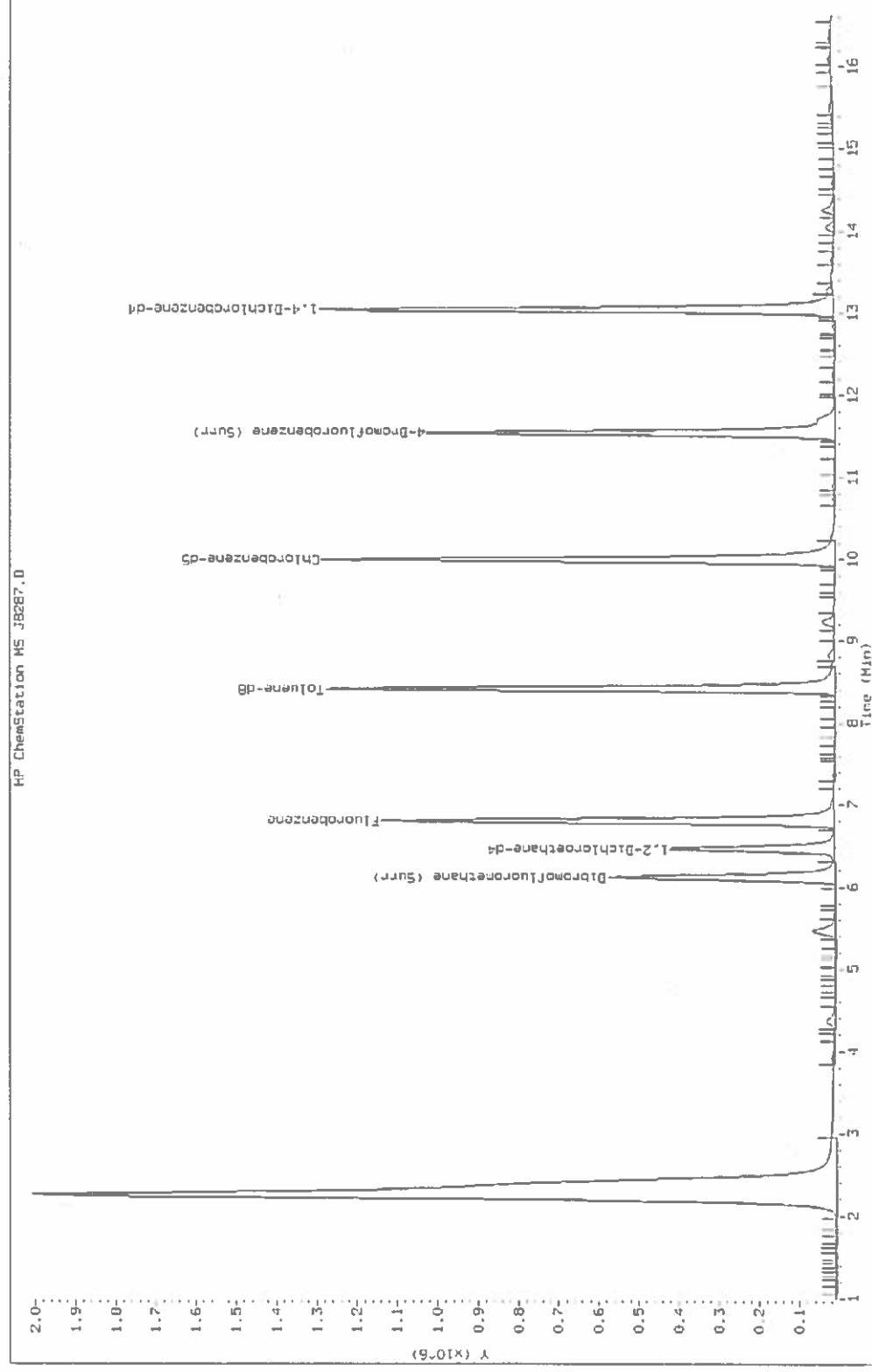
Date: 05-AUG-2011 21:50

Client ID: SB06-20

Sample Info: 280-18743-B-5-B

Instrument: J.i

Operator: REINHARDT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB07-10 Lab Sample ID: 280-18743-6
 Matrix: Solid Lab File ID: J8288.D
 Analysis Method: 8260B Date Collected: 08/02/2011 11:10
 Sample wt/vol: 5.794(g) Date Analyzed: 08/05/2011 22:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 (75.53) ID: 0.53(mm)
 % Moisture: 7.6 Level: (low/med) Low
 Analysis Batch No.: 80245 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-59-2	cis-1,2-Dichloroethene	ND		2.3	0.52
10061-01-5	cis-1,3-Dichloropropene	ND		4.7	1.2
179601-23-1	m-Xylene & p-Xylene	ND		2.3	0.97
103-65-1	N-Propylbenzene	ND		4.7	0.54
104-51-8	n-Butylbenzene	ND		4.7	0.52
95-47-6	o-Xylene	ND		2.3	0.57
135-98-8	sec-Butylbenzene	ND		4.7	0.72
98-06-6	tert-Butylbenzene	ND		4.7	0.47
156-60-5	trans-1,2-Dichloroethene	ND		2.3	0.36
10061-02-6	trans-1,3-Dichloropropene	ND		4.7	0.63
67-64-1	Acetone	ND		19	5.0
71-43-2	Benzene	ND		4.7	0.44
108-86-1	Bromobenzene	ND		4.7	0.46
74-97-5	Chlorobromomethane	ND		4.7	0.28
75-27-4	Dichlorobromomethane	ND		4.7	0.21
75-25-2	Bromoform	ND		4.7	0.21
74-83-9	Bromomethane	ND		9.3	0.47
56-23-5	Carbon tetrachloride	ND		4.7	0.59
108-90-7	Chlorobenzene	ND		4.7	0.50
124-48-1	Chlorodibromomethane	ND		4.7	0.53
75-00-3	Chloroethane	ND		9.3	0.83
67-66-3	Chloroform	ND		9.3	0.27
74-87-3	Chloromethane	ND		9.3	0.72
74-95-3	Dibromomethane	ND		4.7	0.78
75-71-8	Dichlorodifluoromethane	ND		9.3	0.49
100-41-4	Ethylbenzene	ND		4.7	0.63
87-68-3	Hexachlorobutadiene	ND		4.7	0.51
98-82-8	Isopropylbenzene	ND		4.7	0.55
1634-04-4	Methyl tert-butyl ether	ND		19	0.32
75-09-2	Methylene Chloride	ND		4.7	0.70
91-20-3	Naphthalene	ND		4.7	0.59
100-42-5	Styrene	ND		4.7	0.59
127-18-4	Tetrachloroethene	ND		4.7	0.55
108-88-3	Toluene	ND		4.7	0.64
79-01-6	Trichloroethene	ND		4.7	0.21
75-69-4	Trichlorofluoromethane	ND		9.3	0.97

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB07-10 Lab Sample ID: 280-18743-6
 Matrix: Solid Lab File ID: J8288.D
 Analysis Method: 8260B Date Collected: 08/02/2011 11:10
 Sample wt/vol: 5.794(g) Date Analyzed: 08/05/2011 22:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 (75.53) ID: 0.53(mm)
 % Moisture: 7.6 Level: (low/med) Low
 Analysis Batch No.: 80245 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-01-4	Vinyl chloride	ND		4.7	1.3
1330-20-7	Xylenes, Total	ND		4.7	0.57
75-34-3	1,1-Dichloroethane	ND		4.7	0.20
75-35-4	1,1-Dichloroethene	ND		4.7	0.55
563-58-6	1,1-Dichloropropene	ND		4.7	0.50
71-55-6	1,1,1-Trichloroethane	ND		4.7	0.49
630-20-6	1,1,1,2-Tetrachloroethane	ND		4.7	0.52
79-00-5	1,1,2-Trichloroethane	ND		4.7	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.7	0.57
96-12-8	1,2-Dibromo-3-Chloropropane	ND		9.3	0.56
106-93-4	1,2-Dibromoethane	ND		4.7	0.49
95-50-1	1,2-Dichlorobenzene	ND		4.7	0.42
107-06-2	1,2-Dichloroethane	ND		4.7	0.65
540-59-0	1,2-Dichloroethene, Total	ND		4.7	0.36
78-87-5	1,2-Dichloropropane	ND		4.7	0.51
87-61-6	1,2,3-Trichlorobenzene	ND		4.7	0.70
96-18-4	1,2,3-Trichloropropane	ND		4.7	0.76
120-82-1	1,2,4-Trichlorobenzene	ND		4.7	0.68
95-63-6	1,2,4-Trimethylbenzene	ND		4.7	0.54
541-73-1	1,3-Dichlorobenzene	ND		4.7	0.45
142-28-9	1,3-Dichloropropane	ND		4.7	0.48
108-67-8	1,3,5-Trimethylbenzene	ND		4.7	0.53
106-46-7	1,4-Dichlorobenzene	ND		4.7	0.73
78-93-3	2-Butanone (MEK)	ND		19	1.7
95-49-8	2-Chlorotoluene	ND		4.7	0.48
591-78-6	2-Hexanone	ND		19	4.6
594-20-7	2,2-Dichloropropane	ND		4.7	0.41
106-43-4	4-Chlorotoluene	ND		4.7	0.73
99-87-6	4-Isopropyltoluene	ND		4.7	0.46
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		19	4.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB07-10 Lab Sample ID: 280-18743-6
Matrix: Solid Lab File ID: J8288.D
Analysis Method: 8260B Date Collected: 08/02/2011 11:10
Sample wt/vol: 5.794(g) Date Analyzed: 08/05/2011 22:13
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 (75.53) ID: 0.53(mm)
% Moisture: 7.6 Level: (low/med) Low
Analysis Batch No.: 80245 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		58-140
2037-26-5	Toluene-d8 (Surr)	95		80-126
460-00-4	4-Bromofluorobenzene (Surr)	90		76-127
1868-53-7	Dibromofluoromethane (Surr)	91		75-121

Data File: \\DenSvr03\Public\chem\MSV\J.i\080511P.B\J8288.D
Report Date: 08-Aug-2011 07:58

Page 1

TestAmerica

VOLATILE REPORT SW-846

Data file : \\DenSvr03\Public\chem\MSV\J.i\080511P.B\J8288.D
Lab Smp Id: 280-18743-B-6-D Client Smp ID: SB07-10
Inj Date : 05-AUG-2011 22:13
Operator : REINHARDT Inst ID: J.i
Smp Info : 280-18743-B-6-D
Misc Info : 280-18743-B-6-D
Comment :
Method : \\DenSvr03\Public\chem\MSV\J.i\080511P.B\8260B-soil.m
Meth Date : 08-Aug-2011 07:12 J.i Quant Type: ISTD
Cal Date : 02-AUG-2011 11:29 Cal File: J8149.D
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TALS-all.sub
Target Version: 4.14
Processing Host: DENPC368

Concentration Formula: Amt * DF * Vp/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vp	5.000	Purge Volume (mL)
Ws	5.794	Weight of sample (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS					CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
* 61 Fluorobenzene	96	6.792	6.803 (1.000)		2086678	50.0000	
* 87 Chlorobenzene-d5	119	9.976	9.987 (1.000)		507682	50.0000	
* 112 1,4-Dichlorobenzene-d4	152	13.021	13.032 (1.000)		752719	50.0000	
\$ 51 Dibromofluoromethane (Surr)	111	6.114	6.107 (0.900)		884761	49.9542	43.1085
\$ 57 1,2-Dichloroethane-d4	65	6.462	6.455 (0.951)		630565	45.3462	39.1320
\$ 75 Toluene-d8	98	8.410	8.421 (0.843)		1917132	52.1452	44.9993
\$ 98 4-Bromofluorobenzene (Surr)	95	11.525	11.536 (0.885)		1081026	49.3142	42.5562
M 1 1,2-Dichloroethene (total)	96	Compound Not Detected.					
M 2 Xylene (total)	106	Compound Not Detected.					
M 3 1,3-Dichloropropane (total)	75	Compound Not Detected.					
M 4 Trihalomethanes (total)	83	Compound Not Detected.					
6 dichlorodifluoromethane	85	Compound Not Detected.					
7 1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
8 Chloromethane	50	Compound Not Detected.					
9 Vinyl Chloride	62	Compound Not Detected.					
11 Ethylene Oxide	44	Compound Not Detected.					
12 Bromomethane	94	Compound Not Detected.					
13 Chloroethane	64	Compound Not Detected.					
15 Trichlorofluoromethane	101	Compound Not Detected.					
16 Ethanol	45	Compound Not Detected.					
17 Ethyl Ether	59	Compound Not Detected.					
18 1,2-dichloro-1,1,2-trifluoro	117	Compound Not Detected.					

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/L)	FINAL (ug/Kg)
20 2,2-dichloro-1,1,1-trifluoro	83						
19 Acrolein	56						
22 1,1-Dichloroethene	96						
23 Trichlorotrifluoroethane	151						
21 Acetone	43						
24 2-Propanol	45						
25 Iodomethane	142						
26 Carbon Disulfide	76						
27 Acetonitrile	41						
28 Allyl Chloride	41						
29 Methyl Acetate	43						
30 Methylene Chloride	84	4.356	4.356	(0.641)	22186	0.56408	0.486781(a)
31 tert-Butyl alcohol	59						
32 Acrylonitrile	53						
33 Methyl t-butyl ether	73						
34 trans-1,2-Dichloroethene	96						
35 Hexane	57						
36 1,1-Dichloroethane	63						
37 Vinyl acetate	43						
38 Isopropyl ether	87						
39 Chloroprene	53						
40 ETBE	59						
43 2-Butanone	43						
41 cis-1,2-Dichloroethene	96						
42 2,2-Dichloropropane	77						
44 Ethyl Acetate	43						
45 Propionitrile	54						
46 2-Butanol	45						
47 Methacrylonitrile	41						
48 Bromochloromethane	128						
49 Tetrahydrofuran	42						
50 Chloroform	83						
52 1,1,1-Trichloroethane	97						
53 Cyclohexane	56						
54 1,1-Dichloropropene	75						
55 Carbon Tetrachloride	117						
56 Isobutanol	41						
58 Benzene	78						
59 1,2-Dichloroethane	62						
60 TAME	73						
62 n-Butanol	56	7.036	7.036	(1.036)	4122	12.5138	10.7990(aQ)
63 Trichloroethene	95						
64 2-Pentanone	43						
65 Methyl Cyclohexane	83						
66 1,2-Dichloropropane	63						
67 Methyl Methacrylate	100						
69 1,4-Dioxane	88						
68 Dibromomethane	93						
70 Bromodichloromethane	83						
71 2-nitropropane	41						
72 2-Chloroethyl vinyl ether	63						
73 cis-1,3-Dichloropropene	75						
74 4-Methyl-2-pentanone	43						
76 Toluene	91						

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ug/L)	FINAL (ug/Kg)
77 trans-1,3-Dichloropropene	75				Compound Not Detected.			
78 Ethyl methacrylate	69				Compound Not Detected.			
79 1,1,2-Trichloroethane	97				Compound Not Detected.			
80 Tetrachloroethene	164				Compound Not Detected.			
81 1,3-Dichloropropane	76				Compound Not Detected.			
82 2-Hexanone	43				Compound Not Detected.			
83 Dibromochloromethane	129				Compound Not Detected.			
85 1,2-Dibromoethane	107				Compound Not Detected.			
86 1-Chlorohexane	91				Compound Not Detected.			
88 Chlorobenzene	112				Compound Not Detected.			
89 1,1,1,2-Tetrachloroethane	131				Compound Not Detected.			
90 Ethylbenzene	106				Compound Not Detected.			
91 m and p-Xylene	106				Compound Not Detected.			
92 o-Xylene	106				Compound Not Detected.			
93 Styrene	104				Compound Not Detected.			
94 Bromoform	173				Compound Not Detected.			
95 isopropyl benzene	105				Compound Not Detected.			
96 cis-1,4-Dichloro-2-butene	53				Compound Not Detected.			
97 Cyclohexanone	55				Compound Not Detected.			
99 1,1,2,2-Tetrachloroethane	83				Compound Not Detected.			
100 Bromobenzene	156				Compound Not Detected.			
101 t-1,4-Dichloro-2-butene	53				Compound Not Detected.			
102 1,2,3-Trichloropropane	110				Compound Not Detected.			
103 n-Propylbenzene	120				Compound Not Detected.			
104 2-Chlorotoluene	126				Compound Not Detected.			
105 1,3,5-Trimethylbenzene	105				Compound Not Detected.			
106 4-Chlorotoluene	126				Compound Not Detected.			
107 tert-Butylbenzene	119				Compound Not Detected.			
108 1,2,4-Trimethylbenzene	105				Compound Not Detected.			
109 sec-Butylbenzene	105				Compound Not Detected.			
110 1,3-Dichlorobenzene	146				Compound Not Detected.			
111 4-Isopropyltoluene	119				Compound Not Detected.			
113 1,4-dichlorobenzene	146				Compound Not Detected.			
114 1,2,3-Trimethylbenzene	105				Compound Not Detected.			
115 n-Butylbenzene	91				Compound Not Detected.			
116 1,2-Dichlorobenzene	146				Compound Not Detected.			
117 1,2-Dibromo-3-chloropropane	157				Compound Not Detected.			
118 1,2,4-Trichlorobenzene	180				Compound Not Detected.			
120 Hexachlorobutadiene	225				Compound Not Detected.			
121 Naphthalene	128				Compound Not Detected.			
122 1,2,3-Trichlorobenzene	180				Compound Not Detected.			

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.

Data File: J8288.D

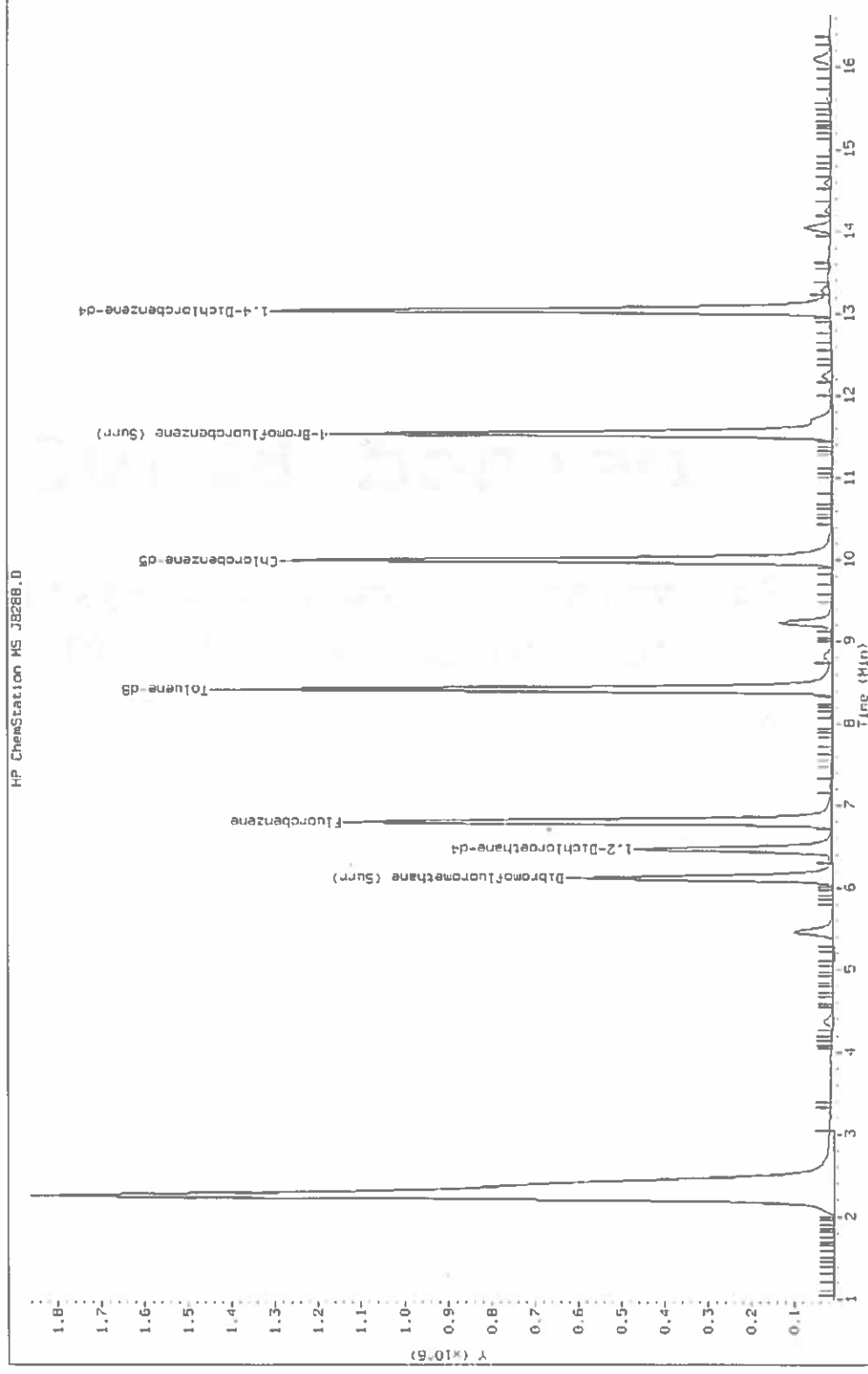
Date: 05-AUG-2011 22:13

Client ID: SB07-10

Sample Info: 280-18743-B-6-D

Instrument: J.i

Operator: REINHARDT



Method 8270C

Semivolatile Organic Compounds
(GC/MS) by Method 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB04-15 Lab Sample ID: 280-18743-1

Matrix: Solid Lab File ID: B6284.D

Analysis Method: 8270C Date Collected: 08/02/2011 09:00

Extract. Method: 3550C Date Extracted: 08/08/2011 10:24

Sample wt/vol: 30.3(g) Date Analyzed: 08/09/2011 19:06

Con. Extract Vol.: 1000(uL) Dilution Factor: 1

Injection Volume: 0.5(uL) Level: (low/med) Low

% Moisture: 11.4 GPC Cleanup: (Y/N) N

Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	ND		370	12
208-96-8	Acenaphthylene	ND		370	19
98-86-2	Acetophenone	ND		370	22
62-53-3	Aniline	ND		370	150
120-12-7	Anthracene	ND		370	19
140-57-8	Aramite, Total	ND		340	30
56-55-3	Benzo[a]anthracene	ND		370	22
50-32-8	Benzo[a]pyrene	ND		370	22
205-99-2	Benzo[b]fluoranthene	ND		370	29
191-24-2	Benzo[g,h,i]perylene	ND		370	18
207-08-9	Benzo[k]fluoranthene	ND		370	45
100-51-6	Benzyl alcohol	ND		370	11
111-91-1	Bis(2-chloroethoxy)methane	ND		370	26
111-44-4	Bis(2-chloroethyl)ether	ND		370	19
117-81-7	Bis(2-ethylhexyl) phthalate	ND		370	51
85-68-7	Butyl benzyl phthalate	ND		370	48
218-01-9	Chrysene	ND		370	30
2303-16-4	Diallate	ND		210	27
53-70-3	Dibenz(a,h)anthracene	ND		370	21
132-64-9	Dibenzofuran	ND		370	22
84-66-2	Diethyl phthalate	ND		740	29
84-74-2	Di-n-butyl phthalate	ND		370	32
117-84-0	Di-n-octyl phthalate	ND		370	16
60-51-5	Dimethoate	ND		740	76
131-11-3	Dimethyl phthalate	ND		370	26
122-39-4	Diphenylamine	ND		370	49
298-04-4	Disulfoton	ND		1800	66
62-50-0	Ethyl methanesulfonate	ND		370	61
206-44-0	Fluoranthene	ND		370	40
86-73-7	Fluorene	ND		370	20
118-74-1	Hexachlorobenzene	ND		370	32
87-68-3	Hexachlorobutadiene	ND		370	11
77-47-4	Hexachlorocyclopentadiene	ND		1800	56
67-72-1	Hexachloroethane	ND		370	24

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB04-15

Lab Sample ID: 280-18743-1

Matrix: Solid

Lab File ID: B6284.D

Analysis Method: 8270C

Date Collected: 08/02/2011 09:00

Extract. Method: 3550C

Date Extracted: 08/08/2011 10:24

Sample wt/vol: 30.3(g)

Date Analyzed: 08/09/2011 19:06

Con. Extract Vol.: 1000(uL)

Dilution Factor: 1

Injection Volume: 0.5(uL)

Level: (low/med) Low

% Moisture: 11.4

GPC Cleanup: (Y/N) N

Analysis Batch No.: 80602

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1888-71-7	Hexachloropropene	ND		3700	54
193-39-5	Indeno[1,2,3-cd]pyrene	ND		370	25
78-59-1	Isophorone	ND		370	19
465-73-6	Isodrin	ND		370	90
120-58-1	Isosafrole	ND		130	47
91-80-5	Methapyrilene	ND		1800	110
66-27-3	Methyl methanesulfonate	ND		370	74
298-00-0	Methyl parathion	ND		1800	150
91-20-3	Naphthalene	ND		370	35
98-95-3	Nitrobenzene	ND		370	25
55-18-5	N-Nitrosodiethylamine	ND		370	73
62-75-9	N-Nitrosodimethylamine	ND		370	41
924-16-3	N-Nitrosodi-n-butylamine	ND		370	110
621-64-7	N-Nitrosodi-n-propylamine	ND		370	35
86-30-6	n-Nitrosodiphenylamine (as diphenylamine)	ND		370	23
10595-95-6	N-Nitrosomethylethylamine	ND		370	66
59-89-2	N-Nitrosomorpholine	ND		370	130
100-75-4	N-Nitrosopiperidine	ND		370	80
930-55-2	N-Nitrosopyrrolidine	ND		370	72
608-93-5	Pentachlorobenzene	ND		370	73
76-01-7	Pentachloroethane	ND		1800	70
82-68-8	Pentachloronitrobenzene	ND		1800	96
87-86-5	Pentachlorophenol	ND		1800	370
62-44-2	Phenacetin	ND		740	84
85-01-8	Phenanthrene	ND		370	19
108-95-2	Phenol	ND		370	20
298-02-2	Phorate	ND		1800	66
23950-58-5	Pronamide	ND		370	150
129-00-0	Pyrene	ND		370	14
110-86-1	Pyridine	ND		740	150
297-97-2	Thionazin	ND		1800	80
56-38-2	Ethyl Parathion	ND		1800	73
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		370	55
120-82-1	1,2,4-Trichlorobenzene	ND		370	31

FORM I 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Denver</u>	Job No.: <u>280-18743-1</u>
SDG No.: _____	
Client Sample ID: <u>SB04-15</u>	Lab Sample ID: <u>280-18743-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>B6284.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>08/02/2011 09:00</u>
Extract. Method: <u>3550C</u>	Date Extracted: <u>08/08/2011 10:24</u>
Sample wt/vol: <u>30.3(g)</u>	Date Analyzed: <u>08/09/2011 19:06</u>
Con. Extract Vol.: <u>1000(uL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>0.5(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>11.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>80602</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	ND		370	25
541-73-1	1,3-Dichlorobenzene	ND		370	13
106-46-7	1,4-Dichlorobenzene	ND		370	15
99-35-4	1,3,5-Trinitrobenzene	ND		1800	280
51-28-5	2,4-Dinitrophenol	ND		1800	370
121-14-2	2,4-Dinitrotoluene	ND		370	74
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1800	150
95-95-4	2,4,5-Trichlorophenol	ND		370	11
88-06-2	2,4,6-Trichlorophenol	ND		370	11
120-83-2	2,4-Dichlorophenol	ND		370	11
105-67-9	2,4-Dimethylphenol	ND		370	74
87-65-0	2,6-Dichlorophenol	ND		370	77
99-65-0	1,3-Dinitrobenzene	ND		370	79
91-58-7	2-Chloronaphthalene	ND		370	11
95-57-8	2-Chlorophenol	ND		370	23
53-96-3	2-Acetylaminofluorene	ND		3700	200
606-20-2	2,6-Dinitrotoluene	ND		370	31
91-57-6	2-Methylnaphthalene	ND		370	21
95-48-7	2-Methylphenol	ND		370	15
88-74-4	2-Nitroaniline	ND		1800	56
88-75-5	2-Nitrophenol	ND		370	11
95-53-4	2-Toluidine	ND		740	69
15831-10-4	3 & 4 Methylphenol	ND		370	37
91-94-1	3,3'-Dichlorobenzidine	ND		740	100
130-15-4	1,4-Naphthoquinone	ND		1800	68
134-32-7	1-Naphthylamine	ND		370	56
109-06-8	2-Picoline	ND		740	53
534-52-1	4,6-Dinitro-2-methylphenol	ND		1800	370
119-93-7	3,3'-Dimethylbenzidine	ND		740	450
101-55-3	4-Bromophenyl phenyl ether	ND		370	21
59-50-7	4-Chloro-3-methylphenol	ND		370	74
106-47-8	4-Chloroaniline	ND		370	92
7005-72-3	4-Chlorophenyl phenyl ether	ND		370	23
100-01-6	4-Nitroaniline	ND		1800	81

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Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB04-15 Lab Sample ID: 280-18743-1
 Matrix: Solid Lab File ID: B6284.D
 Analysis Method: 8270C Date Collected: 08/02/2011 09:00
 Extract. Method: 3550C Date Extracted: 08/08/2011 10:24
 Sample wt/vol: 30.3(g) Date Analyzed: 08/09/2011 19:06
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 0.5(uL) Level: (low/med) Low
 % Moisture: 11.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	ND		1800	110
56-57-5	4-Nitroquinoline-1-oxide	ND		3700	98
56-49-5	3-Methylcholanthrene	ND		740	75
91-59-8	2-Naphthylamine	ND		370	55
99-09-2	3-Nitroaniline	ND		1800	82
92-67-1	4-Aminobiphenyl	ND		1800	180
510-15-6	Ethyl 4,4'-Dichlorobenzilate	ND		370	64
57-97-6	7,12-Dimethylbenz(a)anthracene	ND		740	47
99-55-8	5-Nitro-o-toluidine	ND		740	69

CAS NO.	SURROGATE	REC	Q	LIMITS
367-12-4	2-Fluorophenol	68		53-120
4165-62-2	Phenol-d5	71		52-120
4165-60-0	Nitrobenzene-d5	68		50-120
321-60-8	2-Fluorobiphenyl	71		50-120
118-79-6	2,4,6-Tribromophenol	84		51-120
1718-51-0	Terphenyl-d14	80		55-120

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\B.i\080911.B\B6284.D
Lab Smp Id: 280-18743-A-1-F Client Smp ID: SB04-15
Inj Date : 09-AUG-2011 19:06
Operator : KIEKELD Inst ID: B.i
Smp Info : 280-18743-A-1-F
Misc Info : 280-18743-A-1-F
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\B.i\080911.B\8270C.m
Meth Date : 10-Aug-2011 05:52 kiekeld Quant Type: ISTD
Cal Date : 09-AUG-2011 13:13 Cal File: B6267.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HA.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	30.300	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.956	4.961 (1.000)		237681	40.0000	
* 58 Naphthalene-d8	136	6.208	6.212 (1.000)		946085	40.0000	
* 96 Acenaphthene-d10	164	7.935	7.934 (1.000)		557040	40.0000	
* 135 Phenanthrene-d10	188	9.204	9.209 (1.000)		943373	40.0000	
* 166 Chrysene-d12	240	11.302	11.377 (1.000)		1052996	40.0000	
* 179 Perylene-d12	264	12.629	12.728 (1.000)		1001085	40.0000	
S 8 2-Fluorophenol	112	3.728	3.723 (0.752)		856405	102.623	3386.89
S 15 Phenol-d5	99	4.580	4.581 (0.924)		1091414	106.383	3510.98
S 43 Nitrobenzene-d5	82	5.497	5.497 (0.885)		595469	68.4347	2258.57
S 81 2-Fluorobiphenyl	172	7.265	7.272 (0.916)		1208825	70.6288	2330.98
S 118 2,4,6-Tribromophenol	330	8.628	8.635 (1.087)		329310	126.216	4165.54
S 154 Terphenyl-d14	244	10.420	10.450 (0.922)		1581140	79.7187	2630.98
S 29 1,2-Dichlorobenzene-d4	152	5.109	5.110 (1.031)		377816	64.8208	2139.30
S 22 2-Chlorophenol-d4	132	4.745	4.745 (0.957)		898727	113.011	3729.72
4 1,4-Dioxane	88				Compound Not Detected.		
5 N-Nitrosodimethylamine	74				Compound Not Detected.		
6 Pyridine	79				Compound Not Detected.		
9 2-Picoline	93				Compound Not Detected.		
10 N-Nitrosomethylethylamine	88				Compound Not Detected.		
11 Methyl methanesulfonate	80				Compound Not Detected.		
12 N-Nitrosodiethylamine	102				Compound Not Detected.		
13 Ethyl methanesulfonate	79				Compound Not Detected.		

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)	
=====	----	----	-----	-----	-----	-----	-----	
16 Phenol	94	4.598	4.593	(0.928)	9755	0.91105	30.0676(aq)	
18 Aniline	93	Compound Not Detected.						
19 Methyl Styrene	118	Compound Not Detected.						
20 Bis(2-chloroethyl) ether	93	Compound Not Detected.						
23 2-Chlorophenol	128	Compound Not Detected.						
24 Pentachloroethane	117	Compound Not Detected.						
25 1,3-Dichlorobenzene	146	Compound Not Detected.						
27 1,4-Dichlorobenzene	146	Compound Not Detected.						
28 Benzyl alcohol	108	5.074	5.074	(1.024)	3745	0.65470	21.6074(a)	
30 1,2-Dichlorobenzene	146	Compound Not Detected.						
32 2-Methylphenol	108	Compound Not Detected.						
34 2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.						
35 1H-Indene	116	Compound Not Detected.						
138 3-Methylphenol	108	Compound Not Detected.						
36 4-Methylphenol	108	Compound Not Detected.						
139 3 & 4-Methylphenol	108	Compound Not Detected.						
37 N-nitrosodi-n-propylamine	70	Compound Not Detected.						
38 Acetophenone	105	Compound Not Detected.						
39 N-Nitrosopyrrolidine	100	Compound Not Detected.						
40 N-Nitrosomorpholine	116	Compound Not Detected.						
41 Hexachloroethane	117	Compound Not Detected.						
42 o-Toluidine	106	Compound Not Detected.						
44 Nitrobenzene	77	Compound Not Detected.						
46 N-Nitrosopiperidine	114	Compound Not Detected.						
47 Isophorone	82	Compound Not Detected.						
49 2-Nitrophenol	139	Compound Not Detected.						
50 2,4-Dimethylphenol	107	Compound Not Detected.						
51 O,O,O-Triethyl phosphorothio	198	Compound Not Detected.						
52 Bis(2-chloroethoxy)methane	93	Compound Not Detected.						
53 Benzoic acid	122	Compound Not Detected.						
54 2,4-Dichlorophenol	162	Compound Not Detected.						
55 a,a-Dimethylphenethylamine	58	Compound Not Detected.						
57 1,2,4-Trichlorobenzene	180	Compound Not Detected.						
59 Naphthalene	128	6.225	6.232	(1.003)	27302	1.11833	36.9085(aq)	
60 4-Chloroaniline	127	Compound Not Detected.						
61 2,6-Dichlorophenol	162	Compound Not Detected.						
62 Hexachlorobutadiene	225	Compound Not Detected.						
63 Hexachloropropene	213	Compound Not Detected.						
64 N-Nitrosodi-n-butylamine	84	Compound Not Detected.						
66 p-Phenylenediamine	108	Compound Not Detected.						
67 Caprolactam	55	Compound Not Detected.						
68 4-Chloro-3-methylphenol	107	Compound Not Detected.						
70 Safrole	162	Compound Not Detected.						
71 2-Methylnaphthalene	142	6.913	6.913	(1.114)	82059	4.91467	162.200(a)	
72 1-Methylnaphthalene	142	7.012	7.019	(1.130)	64301	3.98958	131.669(a)	
74 Hexachlorocyclopentadiene	237	Compound Not Detected.						
75 1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.						
76 Isosafrole (#1)	162	Compound Not Detected.						
78 2,4,6-Trichlorophenol	196	Compound Not Detected.						
79 2,3-Dichlorobenzeneamine	161	Compound Not Detected.						
80 2,4,5-Trichlorophenol	196	Compound Not Detected.						
84 Isosafrole (#2)	104	Compound Not Detected.						
85 Biphenyl	154	Compound Not Detected.						
87 1-Chloronaphthalene	162	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
86 2-Chloronaphthalene	162				Compound Not Detected.		
88 2-Nitroaniline	65				Compound Not Detected.		
89 1,4-Naphthoquinone	158				Compound Not Detected.		
90 1,4-Dinitrobenzene	168				Compound Not Detected.		
91 Dimethyl phthalate	163				Compound Not Detected.		
92 1,3-Dinitrobenzene	168				Compound Not Detected.		
93 2,6-Dinitrotoluene	165				Compound Not Detected.		
94 Acenaphthylene	152				Compound Not Detected.		
95 3-Nitroaniline	138				Compound Not Detected.		
97 Acenaphthene	153				Compound Not Detected.		
98 2,4-Dinitrophenol	184				Compound Not Detected.		
99 4-Nitrophenol	109				Compound Not Detected.		
100 Pentachlorobenzene	250				Compound Not Detected.		
101 2,4-Dinitrotoluene	165				Compound Not Detected.		
102 Dibenzofuran	168				Compound Not Detected.		
103 1-Naphthylamine	143				Compound Not Detected.		
104 2,3,4,6-Tetrachlorophenol	232				Compound Not Detected.		
106 2-Naphthylamine	143				Compound Not Detected.		
107 Diethyl phthalate	149				Compound Not Detected.		
108 Thionazin	97				Compound Not Detected.		
109 4-Chlorophenyl phenyl ether	204				Compound Not Detected.		
110 Fluorene	166	8.417	8.423	(1.061)	13035	0.75816	25.0216(aQ)
111 5-Nitro-o-toluidine	152				Compound Not Detected.		
112 4-Nitroaniline	138				Compound Not Detected.		
113 4,6-Dinitro-2-methylphenol	198				Compound Not Detected.		
114 Diphenylamine	169				Compound Not Detected.		
115 N-nitrosodiphenylamine	169				Compound Not Detected.		
116 Azobenzene	77				Compound Not Detected.		
234 1,2-DPH(as Azobenzene)	77				Compound Not Detected.		
117 Sulfotepp	97				Compound Not Detected.		
119 Diallate (#1)	86				Compound Not Detected.		
120 1,3,5-Trinitrobenzene	213				Compound Not Detected.		
121 Phorate	121				Compound Not Detected.		
122 Phenacetin	108				Compound Not Detected.		
123 Diallate (#2)	86				Compound Not Detected.		
124 4-Bromophenyl phenyl ether	248				Compound Not Detected.		
125 Hexachlorobenzene	284				Compound Not Detected.		
126 Dimethoate	87				Compound Not Detected.		
127 Atrazine	200				Compound Not Detected.		
129 Pentachlorophenol	266				Compound Not Detected.		
130 4-Aminobiphenyl	169				Compound Not Detected.		
131 Pentachloronitrobenzene	237				Compound Not Detected.		
132 Pronamide	173				Compound Not Detected.		
133 Disulfoton	88				Compound Not Detected.		
134 2-secbutyl-4,6-dinitrophenol	211				Compound Not Detected.		
136 Phenanthrene	178	9.222	9.228	(1.002)	34700	1.33827	44.1673(a)
137 Anthracene	178				Compound Not Detected.		
140 Carbazole	167				Compound Not Detected.		
141 Alachlor	188				Compound Not Detected.		
142 Methyl parathion	109				Compound Not Detected.		
143 Di-n-butyl phthalate	149				Compound Not Detected.		
145 Parathion	109				Compound Not Detected.		
146 4-Nitroquinoline-1-oxide	190				Compound Not Detected.		
147 Methapyrilene	97				Compound Not Detected.		

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ug/ml)	FINAL (ug/Kg)
148 Isodrin	193				Compound Not Detected.			
149 Fluoranthene	202				Compound Not Detected.			
151 Benzidine	184				Compound Not Detected.			
152 Pyrene	202				Compound Not Detected.			
153 Aramite (#1)	185				Compound Not Detected.			
155 Aramite (#2)	185				Compound Not Detected.			
156 p-Dimethylaminoazobenzene	120				Compound Not Detected.			
157 Chlorobenzilate	251				Compound Not Detected.			
158 Famphur	218				Compound Not Detected.			
159 Butyl benzyl phthalate	149				Compound Not Detected.			
160 3,3'-Dimethylbenzidine	212				Compound Not Detected.			
161 2-Acetylaminofluorene	181				Compound Not Detected.			
162 Bis(2-ethylhexyl) phthalate	149	11.166	11.232 (0.988)		11200	2.23590	73.7920 (aH)	
164 3 3'-Dichlorobenzidine	252				Compound Not Detected.			
165 Benzo(a)anthracene	228				Compound Not Detected.			
167 Chrysene	228				Compound Not Detected.			
168 Di-n-octyl phthalate	149				Compound Not Detected.			
170 Hexachlorophene	196				Compound Not Detected.			
171 Benzo(b)fluoranthene	252				Compound Not Detected.			
172 Benzo(k)fluoranthene	252				Compound Not Detected.			
176 7,12-Dimethylbenz(a)anthracene	256				Compound Not Detected.			
178 Benzo(a)pyrene	252				Compound Not Detected.			
181 3-Methylcholanthrene	268				Compound Not Detected.			
184 Dibenz(a,j)acridine	279				Compound Not Detected.			
185 Dibenz(a,h)anthracene	278				Compound Not Detected.			
186 Indeno(1,2,3-cd)pyrene	276				Compound Not Detected.			
188 Benzo(g,h,i)perylene	276				Compound Not Detected.			
M 173 Total Isosafrole	162				Compound Not Detected.			
M 174 Total Diallate	86				Compound Not Detected.			
M 175 Total Aramite	185				Compound Not Detected.			

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- H - Operator selected an alternate compound hit.

Data File: B6284.D

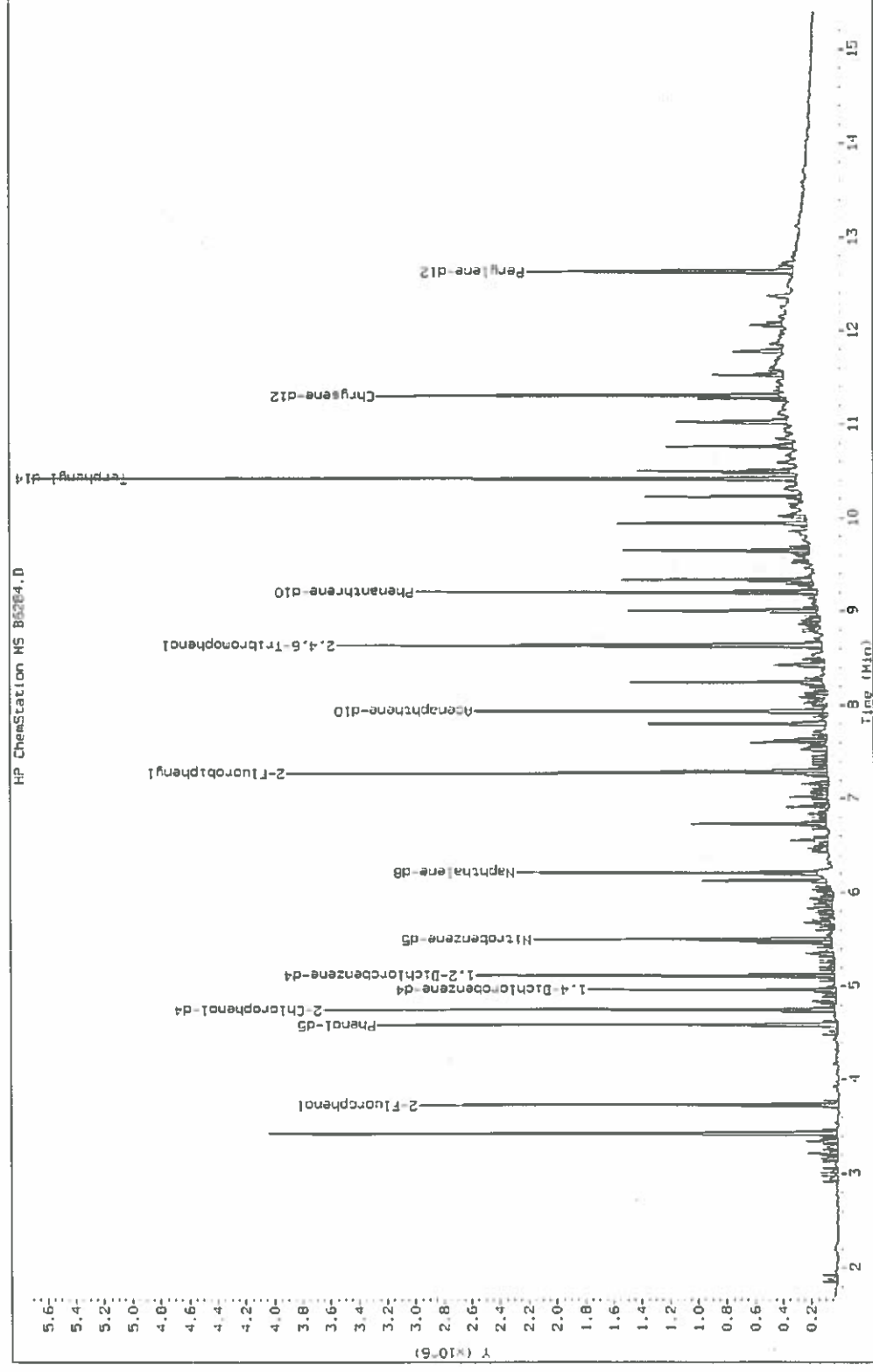
Date: 09-AUG-2011 19:06

Client ID: SB04-15

Sample Info: 280-18743-A-1-F

Instrument: B.i

Operator: KIEKELD



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB04-25 Lab Sample ID: 280-18743-2
 Matrix: Solid Lab File ID: B6287.D
 Analysis Method: 8270C Date Collected: 08/02/2011 09:20
 Extract. Method: 3550C Date Extracted: 08/08/2011 10:24
 Sample wt/vol: 30.0(g) Date Analyzed: 08/09/2011 20:08
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 0.5(uL) Level: (low/med) Low
 % Moisture: 17.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	ND		400	13
208-96-8	Acenaphthylene	ND		400	21
98-86-2	Acetophenone	ND		400	24
62-53-3	Aniline	ND		400	160
120-12-7	Anthracene	ND		400	21
140-57-8	Aramite, Total	ND		360	33
56-55-3	Benzo[a]anthracene	ND		400	24
50-32-8	Benzo[a]pyrene	ND		400	24
205-99-2	Benzo[b]fluoranthene	ND		400	32
191-24-2	Benzo[g,h,i]perylene	ND		400	19
207-08-9	Benzo[k]fluoranthene	ND		400	49
100-51-6	Benzyl alcohol	ND		400	12
111-91-1	Bis(2-chloroethoxy)methane	ND		400	28
111-44-4	Bis(2-chloroethyl)ether	ND		400	20
117-81-7	Bis(2-ethylhexyl) phthalate	ND		400	56
85-68-7	Butyl benzyl phthalate	ND		400	52
218-01-9	Chrysene	ND		400	33
2303-16-4	Diallate	ND		220	29
53-70-3	Dibenz(a,h)anthracene	ND		400	23
132-64-9	Dibenzofuran	ND		400	24
84-66-2	Diethyl phthalate	ND		800	32
84-74-2	Di-n-butyl phthalate	ND		400	35
117-84-0	Di-n-octyl phthalate	ND		400	17
60-51-5	Dimethoate	ND		800	83
131-11-3	Dimethyl phthalate	ND		400	28
122-39-4	Diphenylamine	ND		400	53
298-04-4	Disulfoton	ND		1900	72
62-50-0	Ethyl methanesulfonate	ND		400	67
206-44-0	Fluoranthene	ND		400	44
86-73-7	Fluorene	ND		400	22
118-74-1	Hexachlorobenzene	ND		400	35
87-68-3	Hexachlorobutadiene	ND		400	12
77-47-4	Hexachlorocyclopentadiene	ND		1900	61
67-72-1	Hexachloroethane	ND		400	26

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GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB04-25 Lab Sample ID: 280-18743-2

Matrix: Solid Lab File ID: B6287.D

Analysis Method: 8270C Date Collected: 08/02/2011 09:20

Extract. Method: 3550C Date Extracted: 08/08/2011 10:24

Sample wt/vol: 30.0(g) Date Analyzed: 08/09/2011 20:08

Con. Extract Vol.: 1000(uL) Dilution Factor: 1

Injection Volume: 0.5(uL) Level: (low/med) Low

% Moisture: 17.6 GPC Cleanup: (Y/N) N

Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1888-71-7	Hexachloropropene	ND		4000	58
193-39-5	Indeno[1,2,3-cd]pyrene	ND		400	27
78-59-1	Isophorone	ND		400	21
465-73-6	Isodrin	ND		400	98
120-58-1	Isosafrole	ND		140	51
91-80-5	Methapyrilene	ND		1900	120
66-27-3	Methyl methanesulfonate	ND		400	80
298-00-0	Methyl parathion	ND		1900	170
91-20-3	Naphthalene	ND		400	38
98-95-3	Nitrobenzene	ND		400	27
55-18-5	N-Nitrosodiethylamine	ND		400	79
62-75-9	N-Nitrosodimethylamine	ND		400	45
924-16-3	N-Nitrosodi-n-butylamine	ND		400	120
621-64-7	N-Nitrosodi-n-propylamine	ND		400	38
86-30-6	n-Nitrosodiphenylamine (as diphenylamine)	ND		400	25
10595-95-6	N-Nitrosomethylethylamine	ND		400	72
59-89-2	N-Nitrosomorpholine	ND		400	150
100-75-4	N-Nitrosopiperidine	ND		400	87
930-55-2	N-Nitrosopyrrolidine	ND		400	78
608-93-5	Pentachlorobenzene	ND		400	79
76-01-7	Pentachloroethane	ND		1900	76
82-68-8	Pentachloronitrobenzene	ND		1900	100
87-86-5	Pentachlorophenol	ND		1900	400
62-44-2	Phenacetin	ND		800	91
85-01-8	Phenanthrene	ND		400	21
108-95-2	Phenol	ND		400	22
298-02-2	Phorate	ND		1900	72
23950-58-5	Pronamide	ND		400	160
129-00-0	Pyrene	ND		400	15
110-86-1	Pyridine	ND		800	160
297-97-2	Thionazin	ND		1900	87
56-38-2	Ethyl Parathion	ND		1900	79
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		400	59
120-82-1	1,2,4-Trichlorobenzene	ND		400	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Denver</u>	Job No.: <u>280-18743-1</u>
SDG No.: _____	
Client Sample ID: <u>SB04-25</u>	Lab Sample ID: <u>280-18743-2</u>
Matrix: <u>Solid</u>	Lab File ID: <u>B6287.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>08/02/2011 09:20</u>
Extract. Method: <u>3550C</u>	Date Extracted: <u>08/08/2011 10:24</u>
Sample wt/vol: <u>30.0(g)</u>	Date Analyzed: <u>08/09/2011 20:08</u>
Con. Extract Vol.: <u>1000(uL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>0.5(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>17.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>80602</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	ND		400	27
541-73-1	1,3-Dichlorobenzene	ND		400	15
106-46-7	1,4-Dichlorobenzene	ND		400	17
99-35-4	1,3,5-Trinitrobenzene	ND		1900	300
51-28-5	2,4-Dinitrophenol	ND		1900	400
121-14-2	2,4-Dinitrotoluene	ND		400	80
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1900	170
95-95-4	2,4,5-Trichlorophenol	ND		400	12
88-06-2	2,4,6-Trichlorophenol	ND		400	12
120-83-2	2,4-Dichlorophenol	ND		400	12
105-67-9	2,4-Dimethylphenol	ND		400	80
87-65-0	2,6-Dichlorophenol	ND		400	84
99-65-0	1,3-Dinitrobenzene	ND		400	86
91-58-7	2-Chloronaphthalene	ND		400	12
95-57-8	2-Chlorophenol	ND		400	25
53-96-3	2-Acetylaminofluorene	ND		4000	220
606-20-2	2,6-Dinitrotoluene	ND		400	34
91-57-6	2-Methylnaphthalene	ND		400	23
95-48-7	2-Methylphenol	ND		400	16
88-74-4	2-Nitroaniline	ND		1900	61
88-75-5	2-Nitrophenol	ND		400	12
95-53-4	2-Toluidine	ND		800	75
15831-10-4	3 & 4 Methylphenol	ND		400	40
91-94-1	3,3'-Dichlorobenzidine	ND		800	110
130-15-4	1,4-Naphthoquinone	ND		1900	74
134-32-7	1-Naphthylamine	ND		400	61
109-06-8	2-Picoline	ND		800	57
534-52-1	4,6-Dinitro-2-methylphenol	ND		1900	400
119-93-7	3,3'-Dimethylbenzidine	ND		800	490
101-55-3	4-Bromophenyl phenyl ether	ND		400	23
59-50-7	4-Chloro-3-methylphenol	ND		400	80
106-47-8	4-Chloroaniline	ND		400	99
7005-72-3	4-Chlorophenyl phenyl ether	ND		400	25
100-01-6	4-Nitroaniline	ND		1900	88

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB04-25 Lab Sample ID: 280-18743-2
 Matrix: Solid Lab File ID: B6287.D
 Analysis Method: 8270C Date Collected: 08/02/2011 09:20
 Extract. Method: 3550C Date Extracted: 08/08/2011 10:24
 Sample wt/vol: 30.0(g) Date Analyzed: 08/09/2011 20:08
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 0.5(uL) Level: (low/med) Low
 % Moisture: 17.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	ND		1900	120
56-57-5	4-Nitroquinoline-1-oxide	ND		4000	110
56-49-5	3-Methylcholanthrene	ND		800	81
91-59-8	2-Naphthylamine	ND		400	59
99-09-2	3-Nitroaniline	ND		1900	89
92-67-1	4-Aminobiphenyl	ND		1900	190
510-15-6	Ethyl 4,4'-Dichlorobenzilate	ND		400	69
57-97-6	7,12-Dimethylbenz(a)anthracene	ND		800	51
99-55-8	5-Nitro-o-toluidine	ND		800	75

CAS NO.	SURROGATE	REC	Q	LIMITS
367-12-4	2-Fluorophenol	77		53-120
4165-62-2	Phenol-d5	78		52-120
4165-60-0	Nitrobenzene-d5	77		50-120
321-60-8	2-Fluorobiphenyl	76		50-120
118-79-6	2,4,6-Tribromophenol	85		51-120
1718-51-0	Terphenyl-d14	80		55-120

Data File: \\DenSvr03\Public\chem\MSS\B.i\080911.B\B6287.D
Report Date: 10-Aug-2011 06:37

Page 1

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\B.i\080911.B\B6287.D
Lab Smp Id: 280-18743-A-2-F Client Smp ID: SB04-25
Inj Date : 09-AUG-2011 20:08
Operator : KIEKELD Inst ID: B.i
Smp Info : 280-18743-A-2-F
Misc Info : 280-18743-A-2-F
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\B.i\080911.B\8270C.m
Meth Date : 10-Aug-2011 05:52 kiekeld Quant Type: ISTD
Cal Date : 09-AUG-2011 13:13 Cal File: B6267.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HA.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	30.000	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	MASS	QUANT SIG				CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
						(ug/ml)	(ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.953	4.961 (1.000)		241370	40.0000	
* 58 Naphthalene-d8	136	6.205	6.212 (1.000)		974208	40.0000	
* 96 Acenaphthene-d10	164	7.932	7.934 (1.000)		561002	40.0000	
* 135 Phenanthrene-d10	188	9.201	9.209 (1.000)		953092	40.0000	
* 166 Chrysene-d12	240	11.304	11.377 (1.000)		1069243	40.0000	
* 179 Perylene-d12	264	12.626	12.728 (1.000)		1006665	40.0000	
\$ 8 2-Fluorophenol	112	3.731	3.723 (0.753)		978749	115.491	3849.69
\$ 15 Phenol-d5	99	4.583	4.581 (0.925)		1222889	117.376	3912.53
\$ 43 Nitrobenzene-d5	82	5.494	5.497 (0.885)		687061	76.6816	2556.05
\$ 81 2-Fluorobiphenyl	172	7.268	7.272 (0.916)		1309725	75.9837	2532.79
\$ 118 2,4,6-Tribromophenol	330	8.631	8.635 (1.088)		335529	127.691	4256.37
\$ 154 Terphenyl-d14	244	10.417	10.450 (0.922)		1603497	79.6175	2653.92
\$ 29 1,2-Dichlorobenzene-d4	152	5.106	5.110 (1.031)		433143	73.1773	2439.24
\$ 22 2-Chlorophenol-d4	132	4.747	4.745 (0.958)		1013351	125.476	4182.55
4 1,4-Dioxane	88		Compound Not Detected.				
5 N-Nitrosodimethylamine	74		Compound Not Detected.				
6 Pyridine	79		Compound Not Detected.				
9 2-Picoline	93		Compound Not Detected.				
10 N-Nitrosomethylethylamine	88		Compound Not Detected.				
11 Methyl methanesulfonate	80		Compound Not Detected.				
12 N-Nitrosodiethylamine	102		Compound Not Detected.				
13 Ethyl methanesulfonate	79		Compound Not Detected.				

Compounds	QUANT SIG MASS	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
16 Phenol	94	4.595	4.593	(0.928)	8023	0.73784	24.5946(a)
18 Aniline	93	Compound Not Detected.					
19 Methyl Styrene	110	Compound Not Detected.					
20 Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23 2-Chlorophenol	128	Compound Not Detected.					
24 Pentachloroethane	117	Compound Not Detected.					
25 1,3-Dichlorobenzene	146	Compound Not Detected.					
27 1,4-Dichlorobenzene	146	Compound Not Detected.					
28 Benzyl alcohol	108	5.071	5.074	(1.024)	3239	0.55759	18.5864(a)
30 1,2-Dichlorobenzene	146	Compound Not Detected.					
32 2-Methylphenol	108	Compound Not Detected.					
34 2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35 1H-Indene	116	Compound Not Detected.					
138 3-Methylphenol	108	Compound Not Detected.					
36 4-Methylphenol	108	Compound Not Detected.					
139 3 & 4-Methylphenol	108	Compound Not Detected.					
37 N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38 Acetophenone	105	Compound Not Detected.					
39 N-Nitrosopyrrolidine	100	Compound Not Detected.					
40 N-Nitrosomorpholine	116	Compound Not Detected.					
41 Hexachloroethane	117	Compound Not Detected.					
42 o-Toluidine	106	Compound Not Detected.					
44 Nitrobenzene	77	Compound Not Detected.					
46 N-Nitrosopiperidine	114	Compound Not Detected.					
47 Isophorone	82	Compound Not Detected.					
49 2-Nitrophenol	139	Compound Not Detected.					
50 2,4-Dimethylphenol	107	Compound Not Detected.					
51 O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52 Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53 Benzoic acid	122	Compound Not Detected.					
54 2,4-Dichlorophenol	162	Compound Not Detected.					
55 a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59 Naphthalene	128	Compound Not Detected.					
60 4-Chloroaniline	127	Compound Not Detected.					
61 2,6-Dichlorophenol	162	Compound Not Detected.					
62 Hexachlorobutadiene	225	Compound Not Detected.					
63 Hexachloropropene	213	Compound Not Detected.					
64 N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66 p-Phenylenediamine	108	Compound Not Detected.					
67 Caprolactam	55	Compound Not Detected.					
68 4-Chloro-3-methylphenol	107	Compound Not Detected.					
70 Safrole	162	Compound Not Detected.					
71 2-Methylnaphthalene	142	Compound Not Detected.					
72 1-Methylnaphthalene	142	Compound Not Detected.					
74 Hexachlorocyclopentadiene	237	Compound Not Detected.					
75 1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76 Isosafrole (#1)	162	Compound Not Detected.					
78 2,4,6-Trichlorophenol	196	Compound Not Detected.					
79 2,3-Dichlorobenzeneamine	161	Compound Not Detected.					
80 2,4,5-Trichlorophenol	196	Compound Not Detected.					
84 Isosafrole (#2)	104	Compound Not Detected.					
85 Biphenyl	154	Compound Not Detected.					
87 1-Chloronaphthalene	162	Compound Not Detected.					

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ug/ml)	FINAL (ug/Kg)
86 2-Chloronaphthalene	162	Compound	Not	Detected.				
88 2-Nitroaniline	65	Compound	Not	Detected.				
89 1,4-Naphthoquinone	158	Compound	Not	Detected.				
90 1,4-Dinitrobenzene	168	Compound	Not	Detected.				
91 Dimethyl phthalate	163	Compound	Not	Detected.				
92 1,3-Dinitrobenzene	168	Compound	Not	Detected.				
93 2,6-Dinitrotoluene	165	Compound	Not	Detected.				
94 Acenaphthylene	152	Compound	Not	Detected.				
95 3-Nitroaniline	138	Compound	Not	Detected.				
97 Acenaphthene	153	Compound	Not	Detected.				
98 2,4-Dinitrophenol	184	Compound	Not	Detected.				
99 4-Nitrophenol	109	Compound	Not	Detected.				
100 Pentachlorobenzene	250	Compound	Not	Detected.				
101 2,4-Dinitrotoluene	165	Compound	Not	Detected.				
102 Dibenzofuran	168	Compound	Not	Detected.				
103 1-Naphthylamine	143	Compound	Not	Detected.				
104 2,3,4,6-Tetrachlorophenol	232	Compound	Not	Detected.				
106 2-Naphthylamine	143	Compound	Not	Detected.				
107 Diethyl phthalate	149	Compound	Not	Detected.				
108 Thionazin	97	Compound	Not	Detected.				
109 4-Chlorophenyl phenyl ether	204	Compound	Not	Detected.				
110 Fluorene	166	Compound	Not	Detected.				
111 5-Nitro- <i>o</i> -toluidine	152	Compound	Not	Detected.				
112 4-Nitroaniline	138	Compound	Not	Detected.				
113 4,6-Dinitro-2-methylphenol	198	Compound	Not	Detected.				
114 Diphenylamine	169	Compound	Not	Detected.				
115 N-nitrosodiphenylamine	169	Compound	Not	Detected.				
116 Azobenzene	77	Compound	Not	Detected.				
234 1,2-DPH(as Azobenzene)	77	Compound	Not	Detected.				
117 Sulfotepp	97	Compound	Not	Detected.				
119 Diallate (#1)	86	Compound	Not	Detected.				
120 1,3,5-Trinitrobenzene	213	Compound	Not	Detected.				
121 Phorate	121	Compound	Not	Detected.				
122 Phenacetin	108	Compound	Not	Detected.				
123 Diallate (#2)	86	Compound	Not	Detected.				
124 4-Bromophenyl phenyl ether	248	Compound	Not	Detected.				
125 Hexachlorobenzene	284	Compound	Not	Detected.				
126 Dimethoate	87	Compound	Not	Detected.				
127 Atrazine	200	Compound	Not	Detected.				
129 Penta ch lorophenol	266	Compound	Not	Detected.				
130 4-Aminobiphenyl	169	Compound	Not	Detected.				
131 Penta ch loronitr o benzene	237	Compound	Not	Detected.				
132 Pronamide	173	Compound	Not	Detected.				
133 Disulfoton	88	Compound	Not	Detected.				
134 2-secbutyl-4,6-dinitrophen o	211	Compound	Not	Detected.				
136 Phenanthrene	178	Compound	Not	Detected.				
137 Anthracene	178	Compound	Not	Detected.				
140 Carbazole	167	Compound	Not	Detected.				
141 Alachlor	188	Compound	Not	Detected.				
142 Methyl parathion	109	Compound	Not	Detected.				
143 Di-n-butyl phthalate	149	Compound	Not	Detected.				
145 Parathion	109	Compound	Not	Detected.				
146 4-Nitroquinoline-1- o xide	190	Compound	Not	Detected.				
147 Methapyrilene	97	Compound	Not	Detected.				

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
-----	----	---	-----	-----	-----	-----	-----
148 Isodrin	193				Compound Not Detected.		
149 Fluoranthene	202				Compound Not Detected.		
151 Benzidine	184				Compound Not Detected.		
152 Pyrene	202				Compound Not Detected.		
153 Aramite (#1)	185				Compound Not Detected.		
155 Aramite (#2)	185				Compound Not Detected.		
156 p-Dimethylaminoazobenzene	120				Compound Not Detected.		
157 Chlorobenzilate	251				Compound Not Detected.		
158 Famphur	218				Compound Not Detected.		
159 Butyl benzyl phthalate	149				Compound Not Detected.		
160 3,3'-Dimethylbenzidine	212				Compound Not Detected.		
161 2-Acetylaminofluorene	181				Compound Not Detected.		
162 Bis(2-ethylhexyl) phthalate	149	11.163	11.232	(0.988)	15440	2.44866	81.6220(aH)
164 3,3'-Dichlorobenzidine	252				Compound Not Detected.		
165 Benzo(a)anthracene	228				Compound Not Detected.		
167 Chrysene	228				Compound Not Detected.		
168 Di-n-octyl phthalate	149				Compound Not Detected.		
170 Hexachlorophene	196				Compound Not Detected.		
171 Benzo(b)fluoranthene	252				Compound Not Detected.		
172 Benzo(k)fluoranthene	252				Compound Not Detected.		
176 7,12-Dimethylbenz(a)anthrac	256				Compound Not Detected.		
178 Benzo(a)pyrene	252				Compound Not Detected.		
181 3-Methylcholanthrene	268				Compound Not Detected.		
184 Dibenz(a,j)acridine	279				Compound Not Detected.		
185 Dibenz(a,h)anthracene	278				Compound Not Detected.		
186 Indeno(1,2,3-cd)pyrene	276				Compound Not Detected.		
188 Benzo(g,h,i)perylene	276				Compound Not Detected.		
M 173 Total Isosafrole	162				Compound Not Detected.		
M 174 Total Diallate	86				Compound Not Detected.		
M 175 Total Aramite	185				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- H - Operator selected an alternate compound hit.

Data File: B6287.D

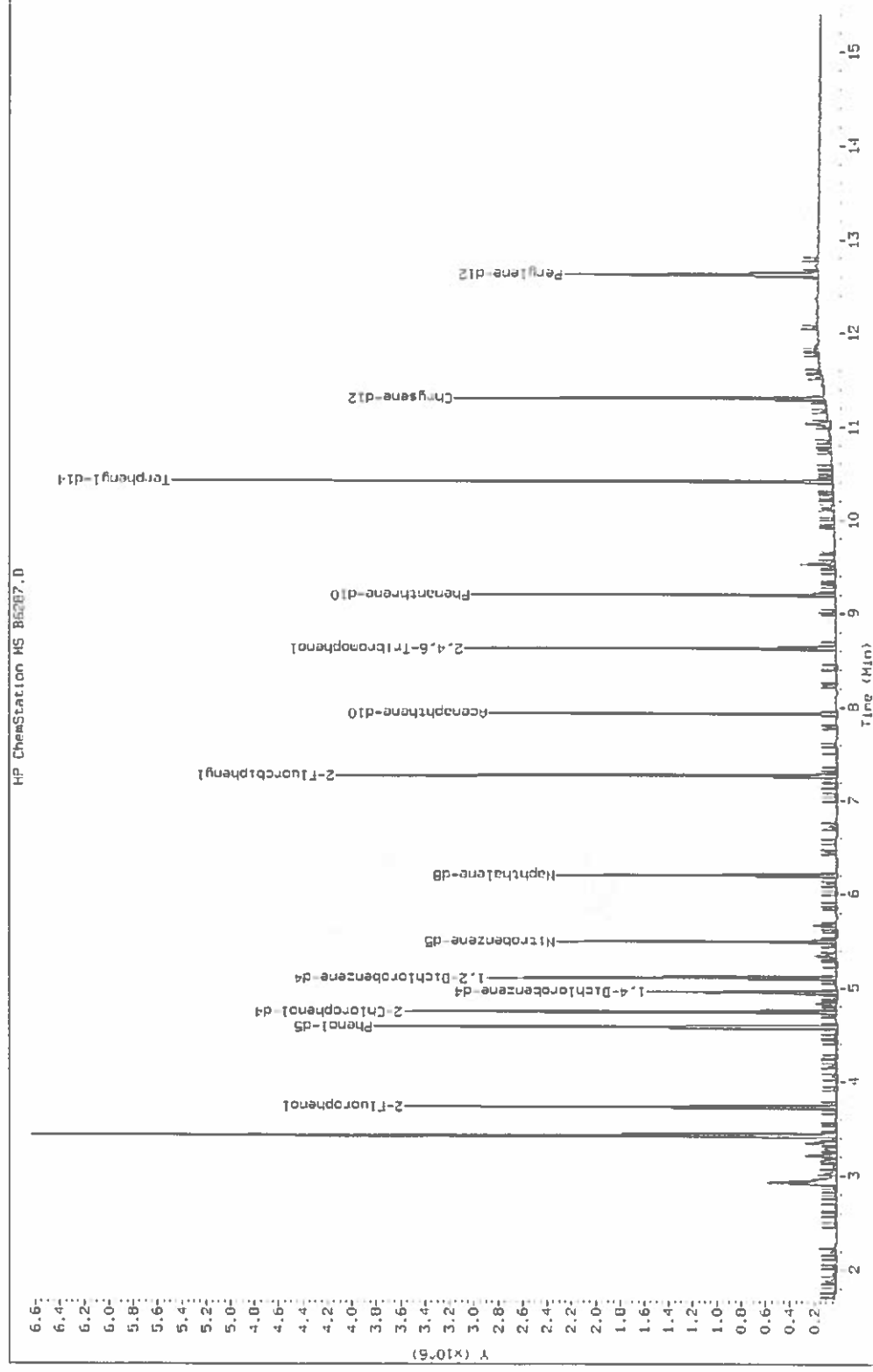
Date: 09-AUG-2011 20:08

Client ID: SB04-25

Sample Info: 280-18743-A-2-F

Instrument: B.i

Operator: KIEKELD



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB05-10 Lab Sample ID: 280-18743-3

Matrix: Solid Lab File ID: B6288.D

Analysis Method: 8270C Date Collected: 08/02/2011 09:50

Extract. Method: 3550C Date Extracted: 08/08/2011 10:24

Sample wt/vol: 30.5(g) Date Analyzed: 08/09/2011 20:29

Con. Extract Vol.: 1000(uL) Dilution Factor: 1

Injection Volume: 0.5(uL) Level: (low/med) Low

% Moisture: 7.2 GPC Cleanup: (Y/N) N

Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	ND		350	11
208-96-8	Acenaphthylene	ND		350	18
98-86-2	Acetophenone	ND		350	21
62-53-3	Aniline	ND		350	140
120-12-7	Anthracene	ND		350	18
140-57-8	Aramite, Total	ND		320	29
56-55-3	Benzo[a]anthracene	ND		350	21
50-32-8	Benzo[a]pyrene	ND		350	21
205-99-2	Benzo[b]fluoranthene	ND		350	28
191-24-2	Benzo[g,h,i]perylene	ND		350	17
207-08-9	Benzo[k]fluoranthene	ND		350	42
100-51-6	Benzyl alcohol	ND		350	11
111-91-1	Bis(2-chloroethoxy)methane	ND		350	24
111-44-4	Bis(2-chloroethyl)ether	ND		350	18
117-81-7	Bis(2-ethylhexyl) phthalate	ND		350	49
85-68-7	Butyl benzyl phthalate	ND		350	46
218-01-9	Chrysene	ND		350	29
2303-16-4	Diallate	ND		200	25
53-70-3	Dibenz(a,h)anthracene	ND		350	20
132-64-9	Dibenzofuran	ND		350	21
84-66-2	Diethyl phthalate	ND		700	28
84-74-2	Di-n-butyl phthalate	ND		350	31
117-84-0	Di-n-octyl phthalate	ND		350	15
60-51-5	Dimethoate	ND		700	72
131-11-3	Dimethyl phthalate	ND		350	24
122-39-4	Diphenylamine	ND		350	47
298-04-4	Disulfoton	ND		1700	63
62-50-0	Ethyl methanesulfonate	ND		350	58
206-44-0	Fluoranthene	ND		350	38
86-73-7	Fluorene	ND		350	19
118-74-1	Hexachlorobenzene	ND		350	31
87-68-3	Hexachlorobutadiene	ND		350	11
77-47-4	Hexachlorocyclopentadiene	ND		1700	53
67-72-1	Hexachloroethane	ND		350	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB05-10 Lab Sample ID: 280-18743-3

Matrix: Solid Lab File ID: B6288.D

Analysis Method: 8270C Date Collected: 08/02/2011 09:50

Extract. Method: 3550C Date Extracted: 08/08/2011 10:24

Sample wt/vol: 30.5(g) Date Analyzed: 08/09/2011 20:29

Con. Extract Vol.: 1000(uL) Dilution Factor: 1

Injection Volume: 0.5(uL) Level: (low/med) Low

% Moisture: 7.2 GPC Cleanup: (Y/N) N

Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1888-71-7	Hexachloropropene	ND		3500	51
193-39-5	Indeno[1,2,3-cd]pyrene	ND		350	23
78-59-1	Isophorone	ND		350	18
465-73-6	Isodrin	ND		350	86
120-58-1	Isosafrole	ND		120	45
91-80-5	Methapyrilene	ND		1700	110
66-27-3	Methyl methanesulfonate	ND		350	70
298-00-0	Methyl parathion	ND		1700	150
91-20-3	Naphthalene	ND		350	33
98-95-3	Nitrobenzene	ND		350	23
55-18-5	N-Nitrosodiethylamine	ND		350	69
62-75-9	N-Nitrosodimethylamine	ND		350	39
924-16-3	N-Nitrosodi-n-butylamine	ND		350	100
621-64-7	N-Nitrosodi-n-propylamine	ND		350	33
86-30-6	n-Nitrosodiphenylamine (as diphenylamine)	ND		350	22
10595-95-6	N-Nitrosomethylethylamine	ND		350	63
59-89-2	N-Nitrosomorpholine	ND		350	130
100-75-4	N-Nitrosopiperidine	ND		350	76
930-55-2	N-Nitrosopyrrolidine	ND		350	68
608-93-5	Pentachlorobenzene	ND		350	69
76-01-7	Pentachloroethane	ND		1700	67
82-68-8	Pentachloronitrobenzene	ND		1700	91
87-86-5	Pentachlorophenol	ND		1700	350
62-44-2	Phenacetin	ND		700	80
85-01-8	Phenanthrene	ND		350	18
108-95-2	Phenol	ND		350	19
298-02-2	Phorate	ND		1700	63
23950-58-5	Pronamide	ND		350	140
129-00-0	Pyrene	ND		350	13
110-86-1	Pyridine	ND		700	140
297-97-2	Thionazin	ND		1700	76
56-38-2	Ethyl Parathion	ND		1700	69
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		350	52
120-82-1	1,2,4-Trichlorobenzene	ND		350	30

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver

Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB05-10

Lab Sample ID: 280-18743-3

Matrix: Solid

Lab File ID: B6288.D

Analysis Method: 8270C

Date Collected: 08/02/2011 09:50

Extract. Method: 3550C

Date Extracted: 08/08/2011 10:24

Sample wt/vol: 30.5(g)

Date Analyzed: 08/09/2011 20:29

Con. Extract Vol.: 1000(uL)

Dilution Factor: 1

Injection Volume: 0.5(uL)

Level: (low/med) Low

% Moisture: 7.2

GPC Cleanup: (Y/N) N

Analysis Batch No.: 80602

Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	ND		350	23
541-73-1	1,3-Dichlorobenzene	ND		350	13
106-46-7	1,4-Dichlorobenzene	ND		350	14
99-35-4	1,3,5-Trinitrobenzene	ND		1700	270
51-28-5	2,4-Dinitrophenol	ND		1700	350
121-14-2	2,4-Dinitrotoluene	ND		350	70
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1700	150
95-95-4	2,4,5-Trichlorophenol	ND		350	11
88-06-2	2,4,6-Trichlorophenol	ND		350	11
120-83-2	2,4-Dichlorophenol	ND		350	11
105-67-9	2,4-Dimethylphenol	ND		350	70
87-65-0	2,6-Dichlorophenol	ND		350	73
99-65-0	1,3-Dinitrobenzene	ND		350	75
91-58-7	2-Chloronaphthalene	ND		350	11
95-57-8	2-Chlorophenol	ND		350	22
53-96-3	2-Acetylaminofluorene	ND		3500	190
606-20-2	2,6-Dinitrotoluene	ND		350	30
91-57-6	2-Methylnaphthalene	ND		350	20
95-48-7	2-Methylphenol	ND		350	14
88-74-4	2-Nitroaniline	ND		1700	53
88-75-5	2-Nitrophenol	ND		350	11
95-53-4	2-Toluidine	ND		700	66
15831-10-4	3 & 4 Methylphenol	ND		350	35
91-94-1	3,3'-Dichlorobenzidine	ND		700	95
130-15-4	1,4-Naphthoquinone	ND		1700	65
134-32-7	1-Naphthylamine	ND		350	53
109-06-8	2-Picoline	ND		700	50
534-52-1	4,6-Dinitro-2-methylphenol	ND		1700	350
119-93-7	3,3'-Dimethylbenzidine	ND		700	420
101-55-3	4-Bromophenyl phenyl ether	ND		350	20
59-50-7	4-Chloro-3-methylphenol	ND		350	70
106-47-8	4-Chloroaniline	ND		350	87
7005-72-3	4-Chlorophenyl phenyl ether	ND		350	22
100-01-6	4-Nitroaniline	ND		1700	77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB05-10 Lab Sample ID: 280-18743-3
 Matrix: Solid Lab File ID: B6288.D
 Analysis Method: 8270C Date Collected: 08/02/2011 09:50
 Extract. Method: 3550C Date Extracted: 08/08/2011 10:24
 Sample wt/vol: 30.5(g) Date Analyzed: 08/09/2011 20:29
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 0.5(uL) Level: (low/med) Low
 % Moisture: 7.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	ND		1700	100
56-57-5	4-Nitroquinoline-1-oxide	ND		3500	93
56-49-5	3-Methylcholanthrene	ND		700	71
91-59-8	2-Naphthylamine	ND		350	52
99-09-2	3-Nitroaniline	ND		1700	77
92-67-1	4-Aminobiphenyl	ND		1700	170
510-15-6	Ethyl 4,4'-Dichlorobenzilate	ND		350	60
57-97-6	7,12-Dimethylbenz(a)anthracene	ND		700	45
99-55-8	5-Nitro-o-toluidine	ND		700	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	67		53-120
4165-62-2	Phenol-d5	71		52-120
4165-60-0	Nitrobenzene-d5	69		50-120
321-60-8	2-Fluorobiphenyl	71		50-120
118-79-6	2,4,6-Tribromophenol	76		51-120
1718-51-0	Terphenyl-d14	78		55-120

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\B.i\080911.B\B6288.D
Lab Smp Id: 280-18743-A-3-D Client Smp ID: SB05-10
Inj Date : 09-AUG-2011 20:29
Operator : KIEKELD Inst ID: B.i
Smp Info : 280-18743-A-3-D
Misc Info : 280-18743-A-3-D
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\B.i\080911.B\8270C.m
Meth Date : 10-Aug-2011 05:52 kiekeld Quant Type: ISTD
Cal Date : 09-AUG-2011 13:13 Cal File: B6267.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HA.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	30.500	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.956	4.961 (1.000)		246202	40.0000	
* 58 Naphthalene-d8	136	6.208	6.212 (1.000)		966812	40.0000	
* 96 Acenaphthene-d10	164	7.929	7.934 (1.000)		567524	40.0000	
* 135 Phenanthrene-d10	188	9.204	9.209 (1.000)		957836	40.0000	
* 166 Chrysene-d12	240	11.302	11.377 (1.000)		1081764	40.0000	
* 179 Perylene-d12	264	12.624	12.728 (1.000)		1000576	40.0000	
\$ 8 2-Fluorophenol	112	3.728	3.723 (0.752)		872678	100.953	3309.95
\$ 15 Phenol-d5	99	4.580	4.581 (0.924)		1131908	106.511	3492.17
\$ 43 Nitrobenzene-d5	82	5.497	5.497 (0.885)		614017	69.0535	2264.05
\$ 81 2-Fluorobiphenyl	172	7.265	7.272 (0.916)		1241420	71.1933	2334.21
\$ 118 2,4,6-Tribromophenol	330	8.628	8.635 (1.088)		303161	114.047	3739.25
\$ 154 Terphenyl-d14	244	10.414	10.450 (0.922)		1592987	78.1801	2563.28(H)
\$ 29 1,2-Dichlorobenzene-d4	152	5.109	5.110 (1.031)		382131	63.2920	2075.15
\$ 22 2-Chlorophenol-d4	132	4.745	4.745 (0.957)		923045	112.051	3673.81
4 1,4-Dioxane	88				Compound Not Detected.		
5 N-Nitrosodimethylamine	74				Compound Not Detected.		
6 Pyridine	79				Compound Not Detected.		
9 2-Picoline	93				Compound Not Detected.		
10 N-Nitrosomethylethylamine	88				Compound Not Detected.		
11 Methyl methanesulfonate	80				Compound Not Detected.		
12 N-Nitrosodiethylamine	102				Compound Not Detected.		
13 Ethyl methanesulfonate	79				Compound Not Detected.		

Compounds	QUANT SIG MASS	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
16 Phenol	94	4.598	4.593	{0.928}	8576	0.77322	25.3514(aQ)
18 Aniline	93	Compound Not Detected.					
19 Methyl Styrene	118	Compound Not Detected.					
20 Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23 2-Chlorophenol	128	Compound Not Detected.					
24 Pentachloroethane	117	Compound Not Detected.					
25 1,3-Dichlorobenzene	146	Compound Not Detected.					
27 1,4-Dichlorobenzene	146	Compound Not Detected.					
28 Benzyl alcohol	108	5.074	5.074	{1.024}	3319	0.56015	18.3656(a)
30 1,2-Dichlorobenzene	146	Compound Not Detected.					
32 2-Methylphenol	108	Compound Not Detected.					
34 2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35 1H-Indene	116	Compound Not Detected.					
138 3-Methylphenol	108	Compound Not Detected.					
36 4-Methylphenol	108	Compound Not Detected.					
139 3 & 4-Methylphenol	108	Compound Not Detected.					
37 N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38 Acetophenone	105	Compound Not Detected.					
39 N-Nitrosopyrrolidine	100	Compound Not Detected.					
40 N-Nitrosomorpholine	116	Compound Not Detected.					
41 Hexachloroethane	117	Compound Not Detected.					
42 o-Toluidine	106	Compound Not Detected.					
44 Nitrobenzene	77	Compound Not Detected.					
46 N-Nitrosopiperidine	114	Compound Not Detected.					
47 Isophorone	82	Compound Not Detected.					
49 2-Nitrophenol	139	Compound Not Detected.					
50 2,4-Dimethylphenol	107	Compound Not Detected.					
51 O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52 Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53 Benzoic acid	122	Compound Not Detected.					
54 2,4-Dichlorophenol	162	Compound Not Detected.					
55 a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59 Naphthalene	128	Compound Not Detected.					
60 4-Chloroaniline	127	Compound Not Detected.					
61 2,6-Dichlorophenol	162	Compound Not Detected.					
62 Hexachlorobutadiene	225	Compound Not Detected.					
63 Hexachloropropene	213	Compound Not Detected.					
64 N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66 p-Phenylenediamine	108	Compound Not Detected.					
67 Caprolactam	55	Compound Not Detected.					
68 4-Chloro-3-methylphenol	107	Compound Not Detected.					
70 Safrole	162	Compound Not Detected.					
71 2-Methylnaphthalene	142	Compound Not Detected.					
72 1-Methylnaphthalene	142	Compound Not Detected.					
74 Hexachlorocyclopentadiene	237	Compound Not Detected.					
75 1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76 Isosafrole (#1)	162	Compound Not Detected.					
78 2,4,6-Trichlorophenol	196	Compound Not Detected.					
79 2,3-Dichlorobenzeneamine	161	Compound Not Detected.					
80 2,4,5-Trichlorophenol	196	Compound Not Detected.					
84 Isosafrole (#2)	104	Compound Not Detected.					
85 Biphenyl	154	Compound Not Detected.					
87 1-Chloronaphthalene	162	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
86 2-Chloronaphthalene	162				Compound Not Detected.		
88 2-Nitroaniline	65				Compound Not Detected.		
89 1,4-Naphthoquinone	158				Compound Not Detected.		
90 1,4-Dinitrobenzene	168				Compound Not Detected.		
91 Dimethyl phthalate	163				Compound Not Detected.		
92 1,3-Dinitrobenzene	168				Compound Not Detected.		
93 2,6-Dinitrotoluene	165				Compound Not Detected.		
94 Acenaphthylene	152				Compound Not Detected.		
95 3-Nitroaniline	138				Compound Not Detected.		
97 Acenaphthene	153				Compound Not Detected.		
98 2,4-Dinitrophenol	184				Compound Not Detected.		
99 4-Nitrophenol	109				Compound Not Detected.		
100 Pentachlorobenzene	250				Compound Not Detected.		
101 2,4-Dinitrotoluene	165				Compound Not Detected.		
102 Dibenzofuran	168				Compound Not Detected.		
103 1-Naphthylamine	143				Compound Not Detected.		
104 2,3,4,6-Tetrachlorophenol	232				Compound Not Detected.		
106 2-Naphthylamine	143				Compound Not Detected.		
107 Diethyl phthalate	149				Compound Not Detected.		
108 Thionazin	97				Compound Not Detected.		
109 4-Chlorophenyl phenyl ether	204				Compound Not Detected.		
110 Fluorene	166				Compound Not Detected.		
111 5-Nitro-o-toluidine	152				Compound Not Detected.		
112 4-Nitroaniline	138				Compound Not Detected.		
113 4,6-Dinitro-2-methylphenol	198				Compound Not Detected.		
114 Diphenylamine	169				Compound Not Detected.		
115 N-nitrosodiphenylamine	169				Compound Not Detected.		
116 Azobenzene	77				Compound Not Detected.		
234 1,2-DPH(as Azobenzene)	77				Compound Not Detected.		
117 Sulfotepp	97				Compound Not Detected.		
119 Diallate (#1)	86				Compound Not Detected.		
120 1,3,5-Trinitrobenzene	213				Compound Not Detected.		
121 Phorate	121				Compound Not Detected.		
122 Phenacetin	108				Compound Not Detected.		
123 Diallate (#2)	86				Compound Not Detected.		
124 4-Bromophenyl phenyl ether	248				Compound Not Detected.		
125 Hexachlorobenzene	284				Compound Not Detected.		
126 Dimethoate	87				Compound Not Detected.		
127 Atrazine	200				Compound Not Detected.		
129 Pentachlorophenol	266				Compound Not Detected.		
130 4-Aminobiphenyl	169				Compound Not Detected.		
131 Pentachloronitrobenzene	237				Compound Not Detected.		
132 Pronamide	173				Compound Not Detected.		
133 Disulfoton	88				Compound Not Detected.		
134 2-secbutyl-4,6-dinitrophenol	211				Compound Not Detected.		
136 Phenanthrene	178				Compound Not Detected.		
137 Anthracene	178				Compound Not Detected.		
140 Carbazole	167				Compound Not Detected.		
141 Alachlor	188				Compound Not Detected.		
142 Methyl parathion	109				Compound Not Detected.		
143 Di-n-butyl phthalate	149				Compound Not Detected.		
145 Parathion	109				Compound Not Detected.		
146 4-Nitroquinoline-1-oxide	190				Compound Not Detected.		
147 Methapyrilene	97				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ug/ml)	(ug/Kg)
-----	----	---	-----	-----	-----	-----	-----
148 Isodrin	193				Compound Not Detected.		
149 Fluoranthene	202				Compound Not Detected.		
151 Benzidine	184				Compound Not Detected.		
152 Pyrene	202				Compound Not Detected.		
153 Aramite (#1)	185				Compound Not Detected.		
155 Aramite (#2)	185				Compound Not Detected.		
156 p-Dimethylaminoazobenzene	120				Compound Not Detected.		
157 Chlorobenzilate	251				Compound Not Detected.		
158 Famphur	218				Compound Not Detected.		
159 Butyl benzyl phthalate	149				Compound Not Detected.		
160 3,3'-Dimethylbenzidine	212				Compound Not Detected.		
161 2-Acetylaminofluorene	181				Compound Not Detected.		
162 Bis(2-ethylhexyl) phthalate	149	11.161	11.232	(0.988)	8368	2.07364	67.9883(a)
164 3 3'-Dichlorobenzidine	252				Compound Not Detected.		
165 Benzo(a)anthracene	228				Compound Not Detected.		
167 Chrysene	228				Compound Not Detected.		
168 Di-n-octyl phthalate	149				Compound Not Detected.		
170 Hexachlorophene	196				Compound Not Detected.		
171 Benzo(b)fluoranthene	252				Compound Not Detected.		
172 Benzo(k)fluoranthene	252				Compound Not Detected.		
176 7,12-Dimethylbenz(a)anthrac	256				Compound Not Detected.		
178 Benzo(a)pyrene	252				Compound Not Detected.		
181 3-Methylcholanthrene	268				Compound Not Detected.		
184 Dibenzo(a,j)acridine	279				Compound Not Detected.		
185 Dibenzo(a,h)anthracene	278				Compound Not Detected.		
186 Indeno(1,2,3-cd)pyrene	276				Compound Not Detected.		
188 Benzo(g,h,i)perylene	276				Compound Not Detected.		
M 173 Total Isosafrole	162				Compound Not Detected.		
M 174 Total Diallate	86				Compound Not Detected.		
M 175 Total Aramite	185				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- H - Operator selected an alternate compound hit.

Data File: B6288.D

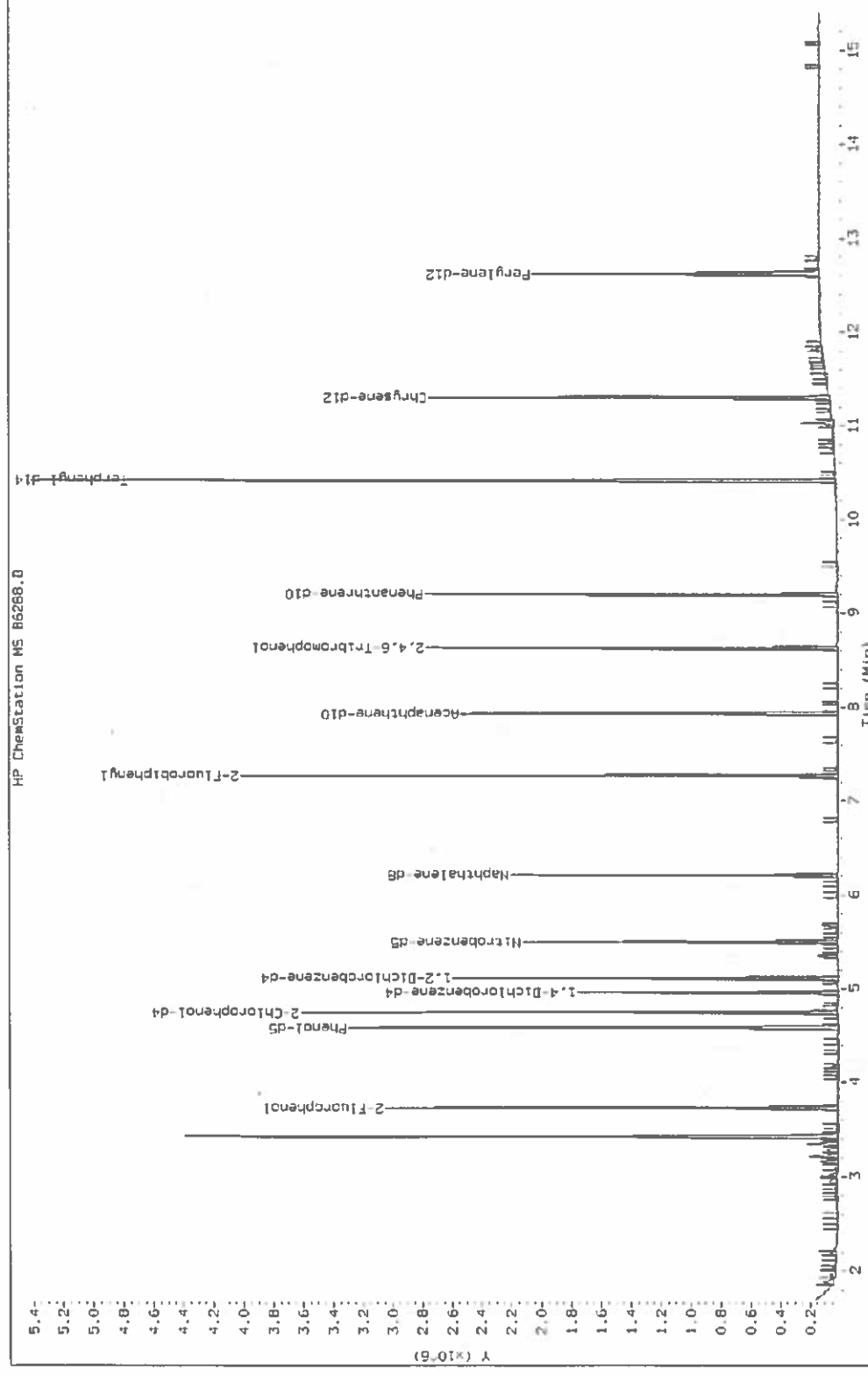
Date: 09-AUG-2011 20:29

Client ID: SB05-10

Sample Info: 280-18743-A-3-D

Instrument: B.i

Operator: KIEKELD



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB06-10 Lab Sample ID: 280-18743-4
 Matrix: Solid Lab File ID: B6289.D
 Analysis Method: 8270C Date Collected: 08/02/2011 10:08
 Extract. Method: 3550C Date Extracted: 08/08/2011 10:24
 Sample wt/vol: 30.9(g) Date Analyzed: 08/09/2011 20:49
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 0.5(uL) Level: (low/med) Low
 % Moisture: 7.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	ND		350	11
208-96-8	Acenaphthylene	ND		350	18
98-86-2	Acetophenone	ND		350	21
62-53-3	Aniline	ND		350	140
120-12-7	Anthracene	ND		350	18
140-57-8	Aramite, Total	ND		320	28
56-55-3	Benzo[a]anthracene	ND		350	21
50-32-8	Benzo[a]pyrene	ND		350	21
205-99-2	Benzo[b]fluoranthene	ND		350	28
191-24-2	Benzo[g,h,i]perylene	ND		350	17
207-08-9	Benzo[k]fluoranthene	ND		350	42
100-51-6	Benzyl alcohol	ND		350	11
111-91-1	Bis(2-chloroethoxy)methane	ND		350	24
111-44-4	Bis(2-chloroethyl)ether	ND		350	17
117-81-7	Bis(2-ethylhexyl) phthalate	ND		350	48
85-68-7	Butyl benzyl phthalate	ND		350	45
218-01-9	Chrysene	ND		350	28
2303-16-4	Diallate	ND		190	25
53-70-3	Dibenz(a,h)anthracene	ND		350	20
132-64-9	Dibenzofuran	ND		350	21
84-66-2	Diethyl phthalate	ND		690	27
84-74-2	Di-n-butyl phthalate	ND		350	30
117-84-0	Di-n-octyl phthalate	ND		350	15
60-51-5	Dimethoate	ND		690	71
131-11-3	Dimethyl phthalate	ND		350	24
122-39-4	Diphenylamine	ND		350	46
298-04-4	Disulfoton	ND		1700	62
62-50-0	Ethyl methanesulfonate	ND		350	58
206-44-0	Fluoranthene	ND		350	38
86-73-7	Fluorene	ND		350	19
118-74-1	Hexachlorobenzene	ND		350	30
87-68-3	Hexachlorobutadiene	ND		350	11
77-47-4	Hexachlorocyclopentadiene	ND		1700	53
67-72-1	Hexachloroethane	ND		350	22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB06-10 Lab Sample ID: 280-18743-4

Matrix: Solid Lab File ID: B6289.D

Analysis Method: 8270C Date Collected: 08/02/2011 10:08

Extract. Method: 3550C Date Extracted: 08/08/2011 10:24

Sample wt/vol: 30.9(g) Date Analyzed: 08/09/2011 20:49

Con. Extract Vol.: 1000(uL) Dilution Factor: 1

Injection Volume: 0.5(uL) Level: (low/med) Low

* Moisture: 7.6 GPC Cleanup: (Y/N) N

Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1888-71-7	Hexachloropropene	ND		3500	50
193-39-5	Indeno[1,2,3-cd]pyrene	ND		350	23
78-59-1	Isophorone	ND		350	18
465-73-6	Isodrin	ND		350	85
120-58-1	Isosafrole	ND		120	44
91-80-5	Methapyrilene	ND		1700	110
66-27-3	Methyl methanesulfonate	ND		350	69
298-00-0	Methyl parathion	ND		1700	140
91-20-3	Naphthalene	ND		350	33
98-95-3	Nitrobenzene	ND		350	23
55-18-5	N-Nitrosodiethylamine	ND		350	68
62-75-9	N-Nitrosodimethylamine	ND		350	39
924-16-3	N-Nitrosodi-n-butylamine	ND		350	100
621-64-7	N-Nitrosodi-n-propylamine	ND		350	33
86-30-6	n-Nitrosodiphenylamine (as diphenylamine)	ND		350	22
10595-95-6	N-Nitrosomethylethylamine	ND		350	62
59-89-2	N-Nitrosomorpholine	ND		350	130
100-75-4	N-Nitrosopiperidine	ND		350	76
930-55-2	N-Nitrosopyrrolidine	ND		350	67
608-93-5	Pentachlorobenzene	ND		350	68
76-01-7	Pentachloroethane	ND		1700	66
82-68-8	Pentachloronitrobenzene	ND		1700	90
87-86-5	Pentachlorophenol	ND		1700	350
62-44-2	Phenacetin	ND		690	79
85-01-8	Phenanthrene	ND		350	18
108-95-2	Phenol	ND		350	19
298-02-2	Phorate	ND		1700	62
23950-58-5	Pronamide	ND		350	140
129-00-0	Pyrene	ND		350	13
110-86-1	Pyridine	ND		690	140
297-97-2	Thionazin	ND		1700	76
56-38-2	Ethyl Parathion	ND		1700	68
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		350	51
120-82-1	1,2,4-Trichlorobenzene	ND		350	29

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB06-10 Lab Sample ID: 280-18743-4
 Matrix: Solid Lab File ID: B6289.D
 Analysis Method: 8270C Date Collected: 08/02/2011 10:08
 Extract. Method: 3550C Date Extracted: 08/08/2011 10:24
 Sample wt/vol: 30.9(g) Date Analyzed: 08/09/2011 20:49
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 0.5(uL) Level: (low/med) Low
 % Moisture: 7.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	ND		350	23
541-73-1	1,3-Dichlorobenzene	ND		350	13
106-46-7	1,4-Dichlorobenzene	ND		350	14
99-35-4	1,3,5-Trinitrobenzene	ND		1700	260
51-28-5	2,4-Dinitrophenol	ND		1700	350
121-14-2	2,4-Dinitrotoluene	ND		350	69
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1700	140
95-95-4	2,4,5-Trichlorophenol	ND		350	11
88-06-2	2,4,6-Trichlorophenol	ND		350	11
120-83-2	2,4-Dichlorophenol	ND		350	11
105-67-9	2,4-Dimethylphenol	ND		350	69
87-65-0	2,6-Dichlorophenol	ND		350	73
99-65-0	1,3-Dinitrobenzene	ND		350	75
91-58-7	2-Chloronaphthalene	ND		350	11
95-57-8	2-Chlorophenol	ND		350	22
53-96-3	2-Acetylaminofluorene	ND		3500	190
606-20-2	2,6-Dinitrotoluene	ND		350	29
91-57-6	2-Methylnaphthalene	ND		350	20
95-48-7	2-Methylphenol	ND		350	14
88-74-4	2-Nitroaniline	ND		1700	53
88-75-5	2-Nitrophenol	ND		350	11
95-53-4	2-Toluidine	ND		690	65
15831-10-4	3 & 4 Methylphenol	ND		350	35
91-94-1	3,3'-Dichlorobenzidine	ND		690	95
130-15-4	1,4-Naphthoquinone	ND		1700	64
134-32-7	1-Naphthylamine	ND		350	53
109-06-8	2-Picoline	ND		690	49
534-52-1	4,6-Dinitro-2-methylphenol	ND		1700	350
119-93-7	3,3'-Dimethylbenzidine	ND		690	420
101-55-3	4-Bromophenyl phenyl ether	ND		350	20
59-50-7	4-Chloro-3-methylphenol	ND		350	69
106-47-8	4-Chloroaniline	ND		350	86
7005-72-3	4-Chlorophenyl phenyl ether	ND		350	22
100-01-6	4-Nitroaniline	ND		1700	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Denver</u>	Job No.: <u>280-18743-1</u>
SDG No.: _____	
Client Sample ID: <u>SB06-10</u>	Lab Sample ID: <u>280-18743-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>B6289.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>08/02/2011 10:08</u>
Extract. Method: <u>3550C</u>	Date Extracted: <u>08/08/2011 10:24</u>
Sample wt/vol: <u>30.9(g)</u>	Date Analyzed: <u>08/09/2011 20:49</u>
Con. Extract Vol.: <u>1000(uL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>0.5(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>7.6</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>80602</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	ND		1700	100
56-57-5	4-Nitroquinoline-1-oxide	ND		3500	92
56-49-5	3-Methylcholanthrene	ND		690	70
91-59-8	2-Naphthylamine	ND		350	51
99-09-2	3-Nitroaniline	ND		1700	77
92-67-1	4-Aminobiphenyl	ND		1700	170
510-15-6	Ethyl 4,4'-Dichlorobenzilate	ND		350	60
57-97-6	7,12-Dimethylbenz(a)anthracene	ND		690	44
99-55-8	5-Nitro-o-toluidine	ND		690	65

CAS NO.	SURROGATE	REC	Q	LIMITS
367-12-4	2-Fluorophenol	62		53-120
4165-62-2	Phenol-d5	66		52-120
4165-60-0	Nitrobenzene-d5	65		50-120
321-60-8	2-Fluorobiphenyl	71		50-120
118-79-6	2,4,6-Tribromophenol	81		51-120
1718-51-0	Terphenyl-d14	78		55-120

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\B.i\080911.B\B6289.D
Lab Smp Id: 280-18743-A-4-F Client Smp ID: SB06-10
Inj Date : 09-AUG-2011 20:49
Operator : KIEKELD Inst ID: B.i
Smp Info : 280-18743-A-4-F
Misc Info : 280-18743-A-4-F
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\B.i\080911.B\8270C.m
Meth Date : 10-Aug-2011 05:52 kiekeld Quant Type: ISTD
Cal Date : 09-AUG-2011 13:13 Cal File: B6267.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HA.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	30.900	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS					CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.956	4.961 (1.000)		241806	40.0000	
* 58 Naphthalene-d8	136	6.208	6.212 (1.000)		949577	40.0000	
* 96 Acenaphthene-d10	164	7.935	7.934 (1.000)		554020	40.0000	
* 135 Phenanthrene-d10	188	9.204	9.209 (1.000)		956640	40.0000	
* 166 Chrysene-d12	240	11.290	11.377 (1.000)		1037788	40.0000	
* 179 Perylene-d12	264	12.612	12.728 (1.000)		1002090	40.0000	
\$ 8 2-Fluorophenol	112	3.728	3.723 (0.752)		791204	93.1923	3015.93
\$ 15 Phenol-d5	99	4.580	4.581 (0.924)		1029703	98.6553	3192.73
\$ 43 Nitrobenzene-d5	82	5.497	5.497 (0.885)		565437	64.7443	2095.28
\$ 81 2-Fluorobiphenyl	172	7.265	7.272 (0.916)		1202327	70.6321	2285.83
\$ 118 2,4,6-Tribromophenol	330	8.628	8.635 (1.087)		315052	121.409	3929.10
\$ 154 Terphenyl-d14	244	10.414	10.450 (0.922)		1531260	78.3352	2535.12
\$ 29 1,2-Dichlorobenzene-d4	152	5.109	5.110 (1.031)		357452	60.2808	1950.83
\$ 22 2-Chlorophenol-d4	132	4.745	4.745 (0.957)		819873	101.336	3279.49
4 1,4-Dioxane	88				Compound Not Detected.		
5 N-Nitrosodimethylamine	74				Compound Not Detected.		
6 Pyridine	79				Compound Not Detected.		
9 2-Picoline	93				Compound Not Detected.		
10 N-Nitrosomethylethylamine	88				Compound Not Detected.		
11 Methyl methanesulfonate	80				Compound Not Detected.		
12 N-Nitrosodiethylamine	102				Compound Not Detected.		
13 Ethyl methanesulfonate	79				Compound Not Detected.		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
16 Phenol	94				Compound Not Detected.		
18 Aniline	93				Compound Not Detected.		
19 Methyl Styrene	118				Compound Not Detected.		
20 Bis(2-chloroethyl) ether	93				Compound Not Detected.		
23 2-Chlorophenol	128				Compound Not Detected.		
24 Pentachloroethane	117				Compound Not Detected.		
25 1,3-Dichlorobenzene	146				Compound Not Detected.		
27 1,4-Dichlorobenzene	146				Compound Not Detected.		
28 Benzyl alcohol	108	5.074	5.074	(1.024)	2041	0.35072	11.3502(a)
30 1,2-Dichlorobenzene	146				Compound Not Detected.		
32 2-Methylphenol	108				Compound Not Detected.		
34 2,2'-oxybis(1-chloropropane)	45				Compound Not Detected.		
35 1H-Indene	116				Compound Not Detected.		
138 3-Methylphenol	108				Compound Not Detected.		
36 4-Methylphenol	108				Compound Not Detected.		
139 3 & 4-Methylphenol	108				Compound Not Detected.		
37 N-nitrosodi-n-propylamine	70				Compound Not Detected.		
38 Acetophenone	105				Compound Not Detected.		
39 N-Nitrosopyrrolidine	100				Compound Not Detected.		
40 N-Nitrosomorpholine	116				Compound Not Detected.		
41 Hexachloroethane	117				Compound Not Detected.		
42 o-Toluidine	106				Compound Not Detected.		
44 Nitrobenzene	77				Compound Not Detected.		
46 N-Nitrosopiperidine	114				Compound Not Detected.		
47 Isophorone	82				Compound Not Detected.		
49 2-Nitrophenol	139				Compound Not Detected.		
50 2,4-Dimethylphenol	107				Compound Not Detected.		
51 O,O,O-Triethyl phosphorothio	198				Compound Not Detected.		
52 Bis(2-chloroethoxy)methane	93				Compound Not Detected.		
53 Benzoic acid	122				Compound Not Detected.		
54 2,4-Dichlorophenol	162				Compound Not Detected.		
55 a,a-Dimethylphenethylamine	58				Compound Not Detected.		
57 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
59 Naphthalene	128	6.225	6.232	(1.003)	64024	2.61287	84.5589(a)
60 4-Chloroaniline	127				Compound Not Detected.		
61 2,6-Dichlorophenol	162				Compound Not Detected.		
62 Hexachlorobutadiene	225				Compound Not Detected.		
63 Hexachloropropene	213				Compound Not Detected.		
64 N-Nitrosodi-n-butylamine	84				Compound Not Detected.		
66 p-Phenylenediamine	108				Compound Not Detected.		
67 Caprolactam	55				Compound Not Detected.		
68 4-Chloro-3-methylphenol	107				Compound Not Detected.		
70 Safrole	162				Compound Not Detected.		
71 2-Methylnaphthalene	142	6.913	6.913	(1.114)	82759	4.93836	159.818(a)
72 1-Methylnaphthalene	142	7.012	7.019	(1.130)	55342	3.42109	110.715(a)
74 Hexachlorocyclopentadiene	237				Compound Not Detected.		
75 1,2,4,5-Tetrachlorobenzene	216				Compound Not Detected.		
76 Isosafrole (#1)	162				Compound Not Detected.		
78 2,4,6-Trichlorophenol	196				Compound Not Detected.		
79 2,3-Dichlorobenzeneamine	161				Compound Not Detected.		
80 2,4,5-Trichlorophenol	196				Compound Not Detected.		
84 Isosafrole (#2)	104				Compound Not Detected.		
85 Biphenyl	154				Compound Not Detected.		
87 1-Chloronaphthalene	162				Compound Not Detected.		

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)	
86 2-Chloronaphthalene	162	Compound	Not	Detected.				
88 2-Nitroaniline	65	Compound	Not	Detected.				
89 1,4-Naphthoquinene	158	Compound	Not	Detected.				
90 1,4-Dinitrobenzene	168	Compound	Not	Detected.				
91 Dimethyl phthalate	163	Compound	Not	Detected.				
92 1,3-Dinitrobenzene	160	Compound	Not	Detected.				
93 2,6-Dinitrotoluene	165	Compound	Not	Detected.				
94 Acenaphthylene	152	Compound	Not	Detected.				
95 3-Nitroaniline	138	Compound	Not	Detected.				
97 Acenaphthene	153	Compound	Not	Detected.				
98 2,4-Dinitrophenol	184	Compound	Not	Detected.				
99 4-Nitrophenol	109	Compound	Not	Detected.				
100 Pentachlorobenzene	250	Compound	Not	Detected.				
101 2,4-Dinitrotoluene	165	Compound	Not	Detected.				
102 Dibenzofuran	168	Compound	Not	Detected.				
103 1-Naphthylamine	143	Compound	Not	Detected.				
104 2,3,4,6-Tetrachlorophenol	232	Compound	Not	Detected.				
106 2-Naphthylamine	143	Compound	Not	Detected.				
107 Diethyl phthalate	149	Compound	Not	Detected.				
108 Thionazin	97	Compound	Not	Detected.				
109 4-Chlorophenyl phenyl ether	204	Compound	Not	Detected.				
110 Fluorene	166	8.417	8.423 (1.061)		11233	0.61892	20.0298 (aQ)	
111 5-Nitro-o-toluidine	152	Compound	Not	Detected.				
112 4-Nitroaniline	138	Compound	Not	Detected.				
113 4,6-Dinitro-2-methylphenol	198	Compound	Not	Detected.				
114 Diphenylamine	169	Compound	Not	Detected.				
115 N-nitrosodiphenylamine	169	Compound	Not	Detected.				
116 Azobenzene	77	Compound	Not	Detected.				
234 1,2-DPH(as Azobenzene)	77	Compound	Not	Detected.				
117 Sulfotepp	97	Compound	Not	Detected.				
119 Diallylate (#1)	86	Compound	Not	Detected.				
120 1,3,5-Trinitrobenzene	213	Compound	Not	Detected.				
121 Phorate	121	Compound	Not	Detected.				
122 Phenacetin	108	Compound	Not	Detected.				
123 Diallylate (#2)	86	Compound	Not	Detected.				
124 4-Bromophenyl phenyl ether	248	Compound	Not	Detected.				
125 Hexachlorobenzene	284	Compound	Not	Detected.				
126 Dimethoate	87	Compound	Not	Detected.				
127 Atrazine	200	Compound	Not	Detected.				
129 Pentachlorophenol	266	Compound	Not	Detected.				
130 4-Aminobiphenyl	169	Compound	Not	Detected.				
131 Pentachloronitrobenzene	237	Compound	Not	Detected.				
132 Pronamide	173	Compound	Not	Detected.				
133 Disulfoton	88	Compound	Not	Detected.				
134 2-secbutyl-4,6-dinitrophenol	211	Compound	Not	Detected.				
136 Phenanthrene	178	9.222	9.228 (1.002)		28845	1.09703	35.5027 (a)	
137 Anthracene	178	Compound	Not	Detected.				
140 Carbazole	167	Compound	Not	Detected.				
141 Alachlor	188	Compound	Not	Detected.				
142 Methyl parathion	109	Compound	Not	Detected.				
143 Di-n-butyl phthalate	149	Compound	Not	Detected.				
145 Parathion	109	Compound	Not	Detected.				
146 4-Nitroquinoline-1-oxide	190	Compound	Not	Detected.				
147 Methapyrilene	97	Compound	Not	Detected.				

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
148 Isodrin	193				Compound Not Detected.		
149 Fluoranthene	202				Compound Not Detected.		
151 Benzidine	184				Compound Not Detected.		
152 Pyrene	202				Compound Not Detected.		
153 Aramite (#1)	185				Compound Not Detected.		
155 Aramite (#2)	185				Compound Not Detected.		
156 p-Dimethylaminoazobenzene	120				Compound Not Detected.		
157 Chlorobenzilate	251				Compound Not Detected.		
158 Famphur	218				Compound Not Detected.		
159 Butyl benzyl phthalate	149				Compound Not Detected.		
160 3,3'-Dimethylbenzidine	212				Compound Not Detected.		
161 2-Acetylaminofluorene	181				Compound Not Detected.		
162 Bis(2-ethylhexyl) phthalate	149	11.149	11.232	(0.988)	18195	2.62163	84.8424 (aH)
164 3,3'-Dichlorobenzidine	252				Compound Not Detected.		
165 Benzo(a)anthracene	228				Compound Not Detected.		
167 Chrysene	228				Compound Not Detected.		
168 Di-n-octyl phthalate	149				Compound Not Detected.		
170 Hexachlorophene	196				Compound Not Detected.		
171 Benzo(b)fluoranthene	252				Compound Not Detected.		
172 Benzo(k)fluoranthene	252				Compound Not Detected.		
176 7,12-Dimethylbenz(a)anthrac	256				Compound Not Detected.		
178 Benzo(a)pyrene	252				Compound Not Detected.		
181 3-Methylcholanthrene	268				Compound Not Detected.		
184 Dibenz(a,j)acridine	279				Compound Not Detected.		
185 Dibenz(a,h)anthracene	278				Compound Not Detected.		
186 Indeno(1,2,3-cd)pyrene	276				Compound Not Detected.		
188 Benzo(g,h,i)perylene	276				Compound Not Detected.		
M 173 Total Isosafrole	162				Compound Not Detected.		
M 174 Total Diallate	86				Compound Not Detected.		
M 175 Total Aramite	185				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- H - Operator selected an alternate compound hit.

Data File: B6289.D

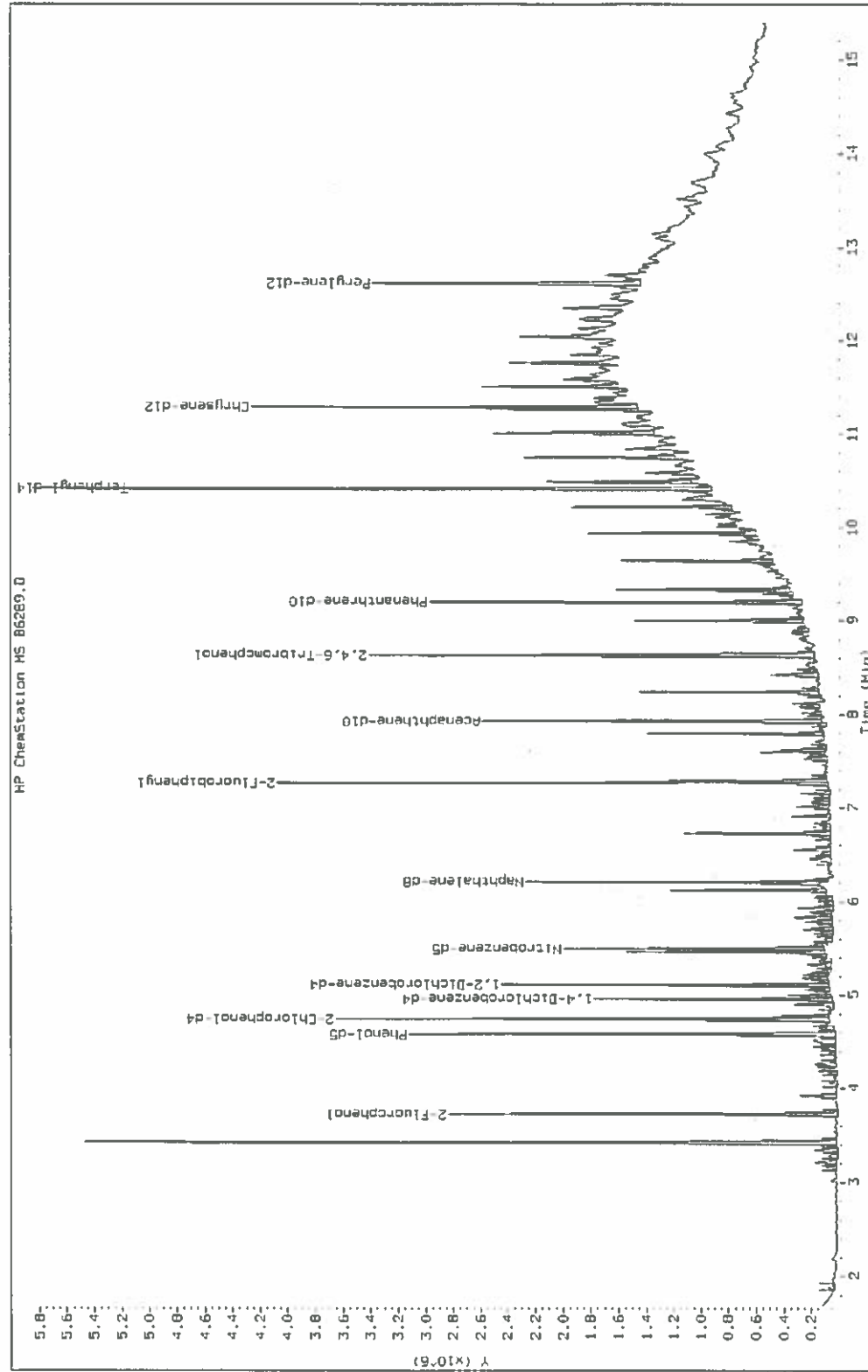
Date: 09-AUG-2011 20:49

Client ID: SB06-10

Sample Info: 280-18743-A-4-F

Instrument: B.i

Operator: KIEKELD



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB06-20 Lab Sample ID: 280-18743-5
 Matrix: Solid Lab File ID: B6290.D
 Analysis Method: 8270C Date Collected: 08/02/2011 10:30
 Extract. Method: 3550C Date Extracted: 08/08/2011 10:24
 Sample wt/vol: 30.4(g) Date Analyzed: 08/09/2011 21:10
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 0.5(uL) Level: (low/med) Low
 % Moisture: 18.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	ND		400	13
208-96-8	Acenaphthylene	ND		400	21
98-86-2	Acetophenone	ND		400	24
62-53-3	Aniline	ND		400	160
120-12-7	Anthracene	ND		400	21
140-57-8	Aramite, Total	ND		370	33
56-55-3	Benzo[a]anthracene	ND		400	24
50-32-8	Benzo[a]pyrene	ND		400	24
205-99-2	Benzo[b]fluoranthene	ND		400	32
191-24-2	Benzo[g,h,i]perylene	ND		400	19
207-08-9	Benzo[k]fluoranthene	ND		400	49
100-51-6	Benzyl alcohol	ND		400	12
111-91-1	Bis(2-chloroethoxy)methane	ND		400	28
111-44-4	Bis(2-chloroethyl)ether	ND		400	20
117-81-7	Bis(2-ethylhexyl) phthalate	ND		400	56
85-68-7	Butyl benzyl phthalate	ND		400	52
218-01-9	Chrysene	ND		400	33
2303-16-4	Diallate	ND		230	29
53-70-3	Dibenz(a,h)anthracene	ND		400	23
132-64-9	Dibenzofuran	ND		400	24
84-66-2	Diethyl phthalate	ND		800	32
84-74-2	Di-n-butyl phthalate	ND		400	35
117-84-0	Di-n-octyl phthalate	ND		400	18
60-51-5	Dimethoate	ND		800	83
131-11-3	Dimethyl phthalate	ND		400	28
122-39-4	Diphenylamine	ND		400	54
298-04-4	Disulfoton	ND		1900	72
62-50-0	Ethyl methanesulfonate	ND		400	67
206-44-0	Fluoranthene	ND		400	44
86-73-7	Fluorene	ND		400	22
118-74-1	Hexachlorobenzene	ND		400	35
87-68-3	Hexachlorobutadiene	ND		400	12
77-47-4	Hexachlorocyclopentadiene	ND		1900	61
67-72-1	Hexachloroethane	ND		400	26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB06-20 Lab Sample ID: 280-18743-5

Matrix: Solid Lab File ID: B6290.D

Analysis Method: 8270C Date Collected: 08/02/2011 10:30

Extract. Method: 3550C Date Extracted: 08/08/2011 10:24

Sample wt/vol: 30.4(g) Date Analyzed: 08/09/2011 21:10

Con. Extract Vol.: 1000(uL) Dilution Factor: 1

Injection Volume: 0.5(uL) Level: (low/med) Low

% Moisture: 18.9 GPC Cleanup: (Y/N) N

Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1888-71-7	Hexachloropropene	ND		4000	58
193-39-5	Indeno[1,2,3-cd]pyrene	ND		400	27
78-59-1	Isophorone	ND		400	21
465-73-6	Isodrin	ND		400	99
120-58-1	Isosafrole	ND		140	51
91-80-5	Methapyrilene	ND		1900	120
66-27-3	Methyl methanesulfonate	ND		400	80
298-00-0	Methyl parathion	ND		1900	170
91-20-3	Naphthalene	ND		400	38
98-95-3	Nitrobenzene	ND		400	27
55-18-5	N-Nitrosodiethylamine	ND		400	79
62-75-9	N-Nitrosodimethylamine	ND		400	45
924-16-3	N-Nitrosodi-n-butylamine	ND		400	120
621-64-7	N-Nitrosodi-n-propylamine	ND		400	38
86-30-6	n-Nitrosodiphenylamine (as diphenylamine)	ND		400	26
10595-95-6	N-Nitrosomethylethylamine	ND		400	72
59-89-2	N-Nitrosomorpholine	ND		400	150
100-75-4	N-Nitrosopiperidine	ND		400	88
930-55-2	N-Nitrosopyrrolidine	ND		400	78
608-93-5	Pentachlorobenzene	ND		400	79
76-01-7	Pentachloroethane	ND		1900	77
82-68-8	Pentachloronitrobenzene	ND		1900	100
87-86-5	Pentachlorophenol	ND		1900	400
62-44-2	Phenacetin	ND		800	91
85-01-8	Phenanthrene	ND		400	21
108-95-2	Phenol	ND		400	22
298-02-2	Phorate	ND		1900	72
23950-58-5	Pronamide	ND		400	160
129-00-0	Pyrene	ND		400	15
110-86-1	Pyridine	ND		800	160
297-97-2	Thionazin	ND		1900	88
56-38-2	Ethyl Parathion	ND		1900	79
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		400	60
120-82-1	1,2,4-Trichlorobenzene	ND		400	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Denver</u>	Job No.: <u>280-18743-1</u>
SDG No.: _____	
Client Sample ID: <u>SB06-20</u>	Lab Sample ID: <u>280-18743-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>B6290.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>08/02/2011 10:30</u>
Extract. Method: <u>3550C</u>	Date Extracted: <u>08/08/2011 10:24</u>
Sample wt/vol: <u>30.4(g)</u>	Date Analyzed: <u>08/09/2011 21:10</u>
Con. Extract Vol.: <u>1000(uL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>0.5(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>18.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>80602</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	ND		400	27
541-73-1	1,3-Dichlorobenzene	ND		400	15
106-46-7	1,4-Dichlorobenzene	ND		400	17
99-35-4	1,3,5-Trinitrobenzene	ND		1900	300
51-28-5	2,4-Dinitrophenol	ND		1900	410
121-14-2	2,4-Dinitrotoluene	ND		400	80
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1900	170
95-95-4	2,4,5-Trichlorophenol	ND		400	12
88-06-2	2,4,6-Trichlorophenol	ND		400	12
120-83-2	2,4-Dichlorophenol	ND		400	12
105-67-9	2,4-Dimethylphenol	ND		400	80
87-65-0	2,6-Dichlorophenol	ND		400	84
99-65-0	1,3-Dinitrobenzene	ND		400	86
91-58-7	2-Chloronaphthalene	ND		400	12
95-57-8	2-Chlorophenol	ND		400	26
53-96-3	2-Acetylaminofluorene	ND		4000	220
606-20-2	2,6-Dinitrotoluene	ND		400	34
91-57-6	2-Methylnaphthalene	ND		400	23
95-48-7	2-Methylphenol	ND		400	16
88-74-4	2-Nitroaniline	ND		1900	61
88-75-5	2-Nitrophenol	ND		400	12
95-53-4	2-Toluidine	ND		800	75
15831-10-4	3 & 4 Methylphenol	ND		400	40
91-94-1	3,3'-Dichlorobenzidine	ND		800	110
130-15-4	1,4-Naphthoquinone	ND		1900	74
134-32-7	1-Naphthylamine	ND		400	61
109-06-8	2-Picoline	ND		800	57
534-52-1	4,6-Dinitro-2-methylphenol	ND		1900	400
119-93-7	3,3'-Dimethylbenzidine	ND		800	490
101-55-3	4-Bromophenyl phenyl ether	ND		400	23
59-50-7	4-Chloro-3-methylphenol	ND		400	80
106-47-8	4-Chloroaniline	ND		400	100
7005-72-3	4-Chlorophenyl phenyl ether	ND		400	26
100-01-6	4-Nitroaniline	ND		1900	88

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Denver</u>	Job No.: <u>280-18743-1</u>
SDG No.: _____	
Client Sample ID: <u>SB06-20</u>	Lab Sample ID: <u>280-18743-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>B6290.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>08/02/2011 10:30</u>
Extract. Method: <u>3550C</u>	Date Extracted: <u>08/08/2011 10:24</u>
Sample wt/vol: <u>30.4(g)</u>	Date Analyzed: <u>08/09/2011 21:10</u>
Con. Extract Vol.: <u>1000(uL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>0.5(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>18.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>80602</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	ND		1900	120
56-57-5	4-Nitroquinoline-1-oxide	ND		4000	110
56-49-5	3-Methylcholanthrene	ND		800	82
91-59-8	2-Naphthylamine	ND		400	60
99-09-2	3-Nitroaniline	ND		1900	89
92-67-1	4-Aminobiphenyl	ND		1900	190
510-15-6	Ethyl 4,4'-Dichlorobenzilate	ND		400	69
57-97-6	7,12-Dimethylbenz(a)anthracene	ND		800	51
99-55-8	5-Nitro-o-toluidine	ND		800	75

CAS NO.	SURROGATE	%REC	Q	LIMITS
367-12-4	2-Fluorophenol	67		53-120
4165-62-2	Phenol-d5	70		52-120
4165-60-0	Nitrobenzene-d5	68		50-120
321-60-8	2-Fluorobiphenyl	68		50-120
118-79-6	2,4,6-Tribromophenol	81		51-120
1718-51-0	Terphenyl-d14	78		55-120

Data File: \\DenSvr03\Public\chem\MSS\B.i\080911.B\B6290.D
Report Date: 10-Aug-2011 06:41

Page 1

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\B.i\080911.B\B6290.D
Lab Smp Id: 280-18743-A-5-E Client Smp ID: SB06-20
Inj Date : 09-AUG-2011 21:10
Operator : KIEKELD Inst ID: B.i
Smp Info : 280-18743-A-5-E
Misc Info : 280-18743-A-5-E
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\B.i\080911.B\8270C.m
Meth Date : 10-Aug-2011 05:52 kiekeld Quant Type: ISTD
Cal Date : 09-AUG-2011 13:13 Cal File: B6267.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HA.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	30.400	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
								(ug/ml)	(ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152		4.954	4.961	(1.000)		248699	40.0000	
* 58 Naphthalene-d8	136		6.205	6.212	(1.000)		978269	40.0000	
* 96 Acenaphthene-d10	164		7.932	7.934	(1.000)		565891	40.0000	
* 135 Phenanthrene-d10	188		9.202	9.209	(1.000)		973881	40.0000	
* 166 Chrysene-d12	240		11.293	11.377	(1.000)		1082220	40.0000	
* 179 Perylene-d12	264		12.609	12.728	(1.000)		1012958	40.0000	
\$ 8 2-Fluorophenol	112		3.731	3.723	(0.753)		883717	101.204	3329.08
\$ 15 Phenol-d5	99		4.583	4.581	(0.925)		1127501	105.031	3454.97
\$ 43 Nitrobenzene-d5	82		5.494	5.497	(0.885)		611909	68.0105	2237.19
\$ 81 2-Fluorobiphenyl	172		7.268	7.272	(0.916)		1189543	68.4151	2250.50
\$ 118 2,4,6-Tribromophenol	330		8.626	8.635	(1.087)		320755	121.014	3980.72
\$ 154 Terphenyl-d14	244		10.412	10.450	(0.922)		1592732	78.1347	2570.22
\$ 29 1,2-Dichlorobenzene-d4	152		5.106	5.110	(1.031)		380188	62.3380	2050.59
\$ 22 2-Chlorophenol-d4	132		4.742	4.745	(0.957)		922765	110.893	3647.78
4 1,4-Dioxane	88		Compound Not Detected.						
5 N-Nitrosodimethylamine	74		Compound Not Detected.						
6 Pyridine	79		Compound Not Detected.						
9 2-Picoline	93		Compound Not Detected.						
10 N-Nitrosomethylethylamine	88		Compound Not Detected.						
11 Methyl methanesulfonate	80		Compound Not Detected.						
12 N-Nitrosodiethylamine	102		Compound Not Detected.						
13 Ethyl methanesulfonate	79		Compound Not Detected.						

Compounds	QUANT SIG MASS	CONCENTRATIONS					
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
16 Phenol	94	4.595	4.593	(0.928)	7188	0.64157	21.1042(aQ)
18 Aniline	93	Compound Not Detected.					
19 Methyl Styrene	118	Compound Not Detected.					
20 Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23 2-Chlorophenol	128	Compound Not Detected.					
24 Pentachloroethane	117	Compound Not Detected.					
25 1,3-Dichlorobenzene	146	Compound Not Detected.					
27 1,4-Dichlorobenzene	146	Compound Not Detected.					
28 Benzyl alcohol	108	5.071	5.074	(1.024)	2710	0.45278	14.8939(a)
30 1,2-Dichlorobenzene	146	Compound Not Detected.					
32 2-Methylphenol	108	Compound Not Detected.					
34 2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35 1H-Indene	116	Compound Not Detected.					
138 3-Methylphenol	108	Compound Not Detected.					
36 4-Methylphenol	108	Compound Not Detected.					
139 3 & 4-Methylphenol	108	Compound Not Detected.					
37 N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38 Acetophenone	105	Compound Not Detected.					
39 N-Nitrosopyrrolidine	100	Compound Not Detected.					
40 N-Nitrosomorpholine	116	Compound Not Detected.					
41 Hexachloroethane	117	Compound Not Detected.					
42 o-Toluidine	106	Compound Not Detected.					
44 Nitrobenzene	77	Compound Not Detected.					
46 N-Nitrosopiperidine	114	Compound Not Detected.					
47 Isophorone	82	Compound Not Detected.					
49 2-Nitrophenol	139	Compound Not Detected.					
50 2,4-Dimethylphenol	107	Compound Not Detected.					
51 O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52 Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53 Benzoic acid	122	Compound Not Detected.					
54 2,4-Dichlorophenol	162	Compound Not Detected.					
55 a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59 Naphthalene	128	Compound Not Detected.					
60 4-Chloroaniline	127	Compound Not Detected.					
61 2,6-Dichlorophenol	162	Compound Not Detected.					
62 Hexachlorobutadiene	225	Compound Not Detected.					
63 Hexachloropropene	213	Compound Not Detected.					
64 N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66 p-Phenylenediamine	108	Compound Not Detected.					
67 Caprolactam	55	Compound Not Detected.					
68 4-Chloro-3-methylphenol	107	Compound Not Detected.					
70 Safrole	162	Compound Not Detected.					
71 2-Methylnaphthalene	142	Compound Not Detected.					
72 1-Methylnaphthalene	142	Compound Not Detected.					
74 Hexachlorocyclopentadiene	237	Compound Not Detected.					
75 1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76 Isosafrole (#1)	162	Compound Not Detected.					
78 2,4,6-Trichlorophenol	196	Compound Not Detected.					
79 2,3-Dichlorobenzeneamine	161	Compound Not Detected.					
80 2,4,5-Trichlorophenol	196	Compound Not Detected.					
84 Isosafrole (#2)	104	Compound Not Detected.					
85 Biphenyl	154	Compound Not Detected.					
87 1-Chloronaphthalene	162	Compound Not Detected.					

Compounds	QUANT	SIG					CONCENTRATIONS	
			RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
86 2-Chloronaphthalene	162		Compound	Not	Detected.			
88 2-Nitroaniline	65		Compound	Not	Detected.			
89 1,4-Naphthoquinone	158		Compound	Not	Detected.			
90 1,4-Dinitrobenzene	168		Compound	Not	Detected.			
91 Dimethyl phthalate	163		Compound	Not	Detected.			
92 1,3-Dinitrobenzene	168		Compound	Not	Detected.			
93 2,6-Dinitrotoluene	165		Compound	Not	Detected.			
94 Acenaphthylene	152		Compound	Not	Detected.			
95 3-Nitroaniline	138		Compound	Not	Detected.			
97 Acenaphthene	153		Compound	Not	Detected.			
98 2,4-Dinitrophenol	184		Compound	Not	Detected.			
99 4-Nitrophenol	109		Compound	Not	Detected.			
100 Pentachlorobenzene	250		Compound	Not	Detected.			
101 2,4-Dinitrotoluene	165		Compound	Not	Detected.			
102 Dibenzofuran	168		Compound	Not	Detected.			
103 1-Naphthylamine	143		Compound	Not	Detected.			
104 2,3,4,6-Tetrachlorophenol	232		Compound	Not	Detected.			
106 2-Naphthylamine	143		Compound	Not	Detected.			
107 Diethyl phthalate	149		Compound	Not	Detected.			
108 Thionazin	97		Compound	Not	Detected.			
109 4-Chlorophenyl phenyl ether	204		Compound	Not	Detected.			
110 Fluorene	166		Compound	Not	Detected.			
111 5-Nitro-o-toluidine	152		Compound	Not	Detected.			
112 4-Nitroaniline	138		Compound	Not	Detected.			
113 4,6-Dinitro-2-methylphenol	198		Compound	Not	Detected.			
114 Diphenylamine	169		Compound	Not	Detected.			
115 N-nitrosodiphenylamine	169		Compound	Not	Detected.			
116 Azobenzene	77		Compound	Not	Detected.			
234 1,2-DPH(as Azobenzene)	77		Compound	Not	Detected.			
117 Sulfotep	97		Compound	Not	Detected.			
119 Diallate (#1)	86		Compound	Not	Detected.			
120 1,3,5-Trinitrobenzene	213		Compound	Not	Detected.			
121 Phorate	121		Compound	Not	Detected.			
122 Phenacetin	108		Compound	Not	Detected.			
123 Diallate (#2)	86		Compound	Not	Detected.			
124 4-Bromophenyl phenyl ether	248		Compound	Not	Detected.			
125 Hexachlorobenzene	284		Compound	Not	Detected.			
126 Dimethoate	87		Compound	Not	Detected.			
127 Atrazine	200		Compound	Not	Detected.			
129 Pentachlorophenol	266		Compound	Not	Detected.			
130 4-Aminobiphenyl	169		Compound	Not	Detected.			
131 Pentachloronitrobenzene	237		Compound	Not	Detected.			
132 Pronamide	173		Compound	Not	Detected.			
133 Disulfoton	88		Compound	Not	Detected.			
134 2-secbutyl-4,6-dinitrophenol	211		Compound	Not	Detected.			
136 Phenanthrene	178		Compound	Not	Detected.			
137 Anthracene	178		Compound	Not	Detected.			
140 Carbazole	167		Compound	Not	Detected.			
141 Alachlor	188		Compound	Not	Detected.			
142 Methyl parathion	109		Compound	Not	Detected.			
143 Di-n-butyl phthalate	149		Compound	Not	Detected.			
145 Parathion	109		Compound	Not	Detected.			
146 4-Nitroquinoline-1-oxide	190		Compound	Not	Detected.			
147 Methapyrilene	97		Compound	Not	Detected.			

Compounds	QUANT SIG MASS						CONCENTRATIONS	
		RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ug/ml)	FINAL (ug/Kg)
-----	----	---	-----	-----	-----		-----	-----
148 Isodrin	193	Compound Not Detected.						
149 Fluoranthene	202	Compound Not Detected.						
151 Benizidine	184	Compound Not Detected.						
152 Pyrene	202	Compound Not Detected.						
153 Aramite (#1)	185	Compound Not Detected.						
155 Aramite (#2)	185	Compound Not Detected.						
156 p-Dimethylaminoazobenzene	120	Compound Not Detected.						
157 Chlorobenzilate	251	Compound Not Detected.						
158 Famphur	218	Compound Not Detected.						
159 Butyl benzyl phthalate	149	Compound Not Detected.						
160 3,3'-Dimethylbenzidine	212	Compound Not Detected.						
161 2-Acetylaminofluorene	181	Compound Not Detected.						
162 Bis(2-ethylhexyl) phthalate	149	11.152	11.232	(0.988)	7888		2.04865	67.3898 (aH)
164 3 3'-Dichlorobenzidine	252	Compound Not Detected.						
165 Benzo(a)anthracene	228	Compound Not Detected.						
167 Chrysene	228	Compound Not Detected.						
168 Di-n-octyl phthalate	149	Compound Not Detected.						
170 Hexachlorophene	196	Compound Not Detected.						
171 Benzo(b)fluoranthene	252	Compound Not Detected.						
172 Benzo(k)fluoranthene	252	Compound Not Detected.						
176 7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.						
178 Benzo(a)pyrene	252	Compound Not Detected.						
181 3-Methylcholanthrene	268	Compound Not Detected.						
184 Dibenz(a,j)acridine	279	Compound Not Detected.						
185 Dibenz(a,h)anthracene	278	Compound Not Detected.						
186 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.						
188 Benzo(g,h,i)perylene	276	Compound Not Detected.						
M 173 Total Isosafrole	162	Compound Not Detected.						
M 174 Total Diallate	86	Compound Not Detected.						
M 175 Total Aramite	185	Compound Not Detected.						

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- Q - Qualifier signal failed the ratio test.
- H - Operator selected an alternate compound hit.

Data File: B6290.D

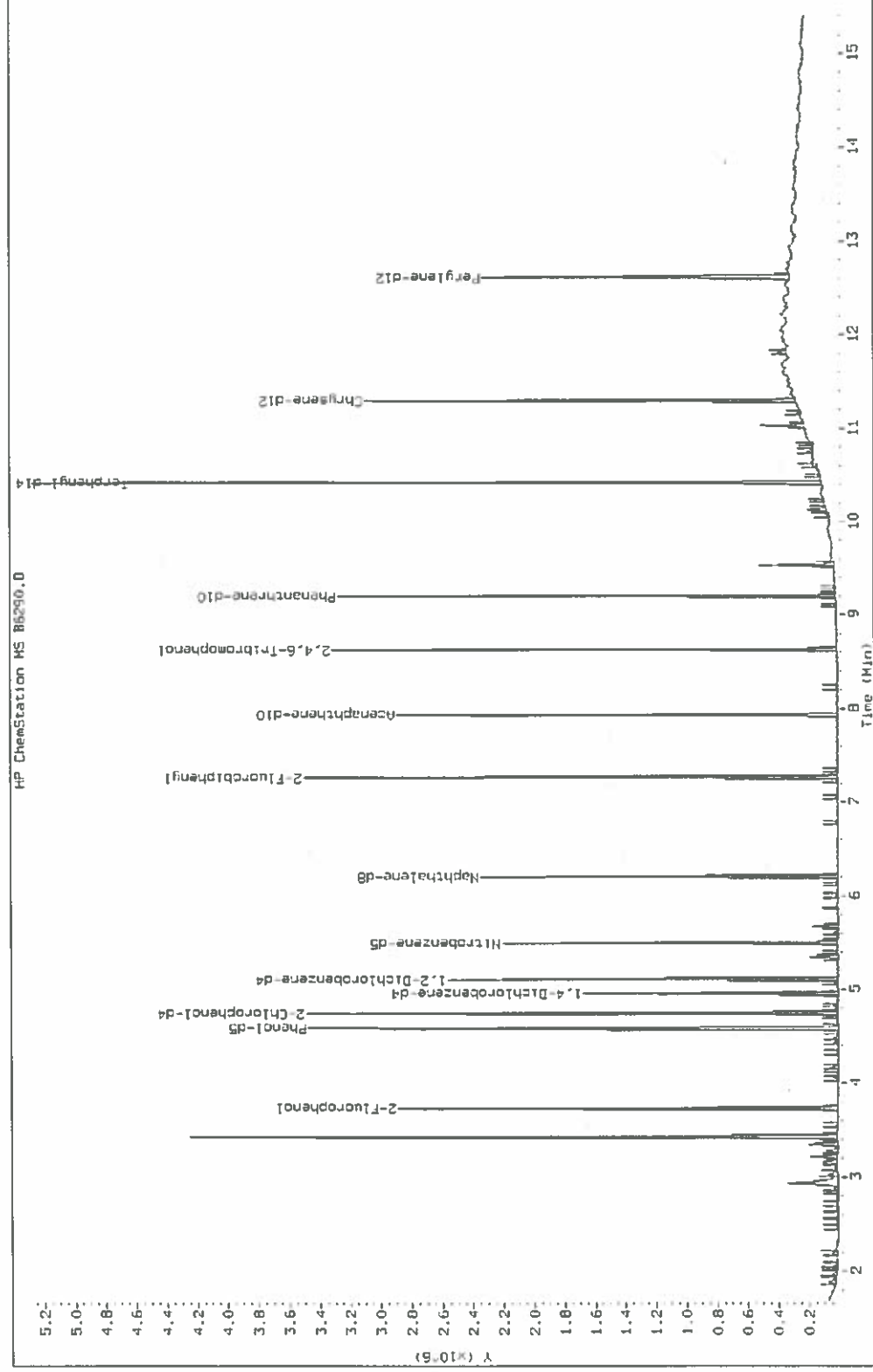
Date: 09-AUG-2011 21:10

Client ID: SB06-20

Sample Info: 280-18743-A-5-E

Instrument: B.i

Operator: KIEKELD



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB07-10 Lab Sample ID: 280-18743-6

Matrix: Solid Lab File ID: B6291.D

Analysis Method: 8270C Date Collected: 08/02/2011 11:10

Extract. Method: 3550C Date Extracted: 08/08/2011 10:24

Sample wt/vol: 30.1(g) Date Analyzed: 08/09/2011 21:31

Con. Extract Vol.: 1000(uL) Dilution Factor: 1

Injection Volume: 0.5(uL) Level: (low/med) Low

% Moisture: 7.6 GPC Cleanup: (Y/N) N

Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	ND		360	11
208-96-8	Acenaphthylene	ND		360	18
98-86-2	Acetophenone	ND		360	22
62-53-3	Aniline	ND		360	140
120-12-7	Anthracene	ND		360	18
140-57-8	Aramite, Total	ND		320	29
56-55-3	Benzo[a]anthracene	ND		360	22
50-32-8	Benzo[a]pyrene	ND		360	22
205-99-2	Benzo[b]fluoranthene	ND		360	28
191-24-2	Benzo[g,h,i]perylene	ND		360	17
207-08-9	Benzo[k]fluoranthene	ND		360	43
100-51-6	Benzyl alcohol	ND		360	11
111-91-1	Bis(2-chloroethoxy)methane	ND		360	25
111-44-4	Bis(2-chloroethyl)ether	ND		360	18
117-81-7	Bis(2-ethylhexyl) phthalate	ND		360	50
85-68-7	Butyl benzyl phthalate	ND		360	46
218-01-9	Chrysene	ND		360	29
2303-16-4	Diallylate	ND		200	26
53-70-3	Dibenz(a,h)anthracene	ND		360	20
132-64-9	Dibenzofuran	ND		360	22
84-66-2	Diethyl phthalate	ND		710	28
84-74-2	Di-n-butyl phthalate	ND		360	31
117-84-0	Di-n-octyl phthalate	ND		360	16
60-51-5	Dimethoate	ND		710	73
131-11-3	Dimethyl phthalate	ND		360	25
122-39-4	Diphenylamine	ND		360	47
298-04-4	Disulfoton	ND		1700	64
62-50-0	Ethyl methanesulfonate	ND		360	59
206-44-0	Fluoranthene	ND		360	39
86-73-7	Fluorene	ND		360	19
118-74-1	Hexachlorobenzene	ND		360	31
87-68-3	Hexachlorobutadiene	ND		360	11
77-47-4	Hexachlorocyclopentadiene	ND		1700	54
67-72-1	Hexachloroethane	ND		360	23

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB07-10 Lab Sample ID: 280-18743-6

Matrix: Solid Lab File ID: B6291.D

Analysis Method: 8270C Date Collected: 08/02/2011 11:10

Extract. Method: 3550C Date Extracted: 08/08/2011 10:24

Sample wt/vol: 30.1(g) Date Analyzed: 08/09/2011 21:31

Con. Extract Vol.: 1000(uL) Dilution Factor: 1

Injection Volume: 0.5(uL) Level: (low/med) Low

% Moisture: 7.6 GPC Cleanup: (Y/N) N

Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1888-71-7	Hexachloropropene	ND		3600	52
193-39-5	Indeno[1,2,3-cd]pyrene	ND		360	24
78-59-1	Isophorone	ND		360	18
465-73-6	Isodrin	ND		360	87
120-58-1	Isosafrole	ND		130	45
91-80-5	Methapyrilene	ND		1700	110
66-27-3	Methyl methanesulfonate	ND		360	71
298-00-0	Methyl parathion	ND		1700	150
91-20-3	Naphthalene	ND		360	33
98-95-3	Nitrobenzene	ND		360	24
55-18-5	N-Nitrosodiethylamine	ND		360	70
62-75-9	N-Nitrosodimethylamine	ND		360	40
924-16-3	N-Nitrosodi-n-butylamine	ND		360	100
621-64-7	N-Nitrosodi-n-propylamine	ND		360	33
86-30-6	n-Nitrosodiphenylamine(as diphenylamine)	ND		360	23
10595-95-6	N-Nitrosomethylethylamine	ND		360	64
59-89-2	N-Nitrosomorpholine	ND		360	130
100-75-4	N-Nitrosopiperidine	ND		360	78
930-55-2	N-Nitrosopyrrolidine	ND		360	69
608-93-5	Pentachlorobenzene	ND		360	70
76-01-7	Pentachloroethane	ND		1700	68
82-68-8	Pentachloronitrobenzene	ND		1700	93
87-86-5	Pentachlorophenol	ND		1700	360
62-44-2	Phenacetin	ND		710	81
85-01-8	Phenanthrene	ND		360	18
108-95-2	Phenol	ND		360	19
298-02-2	Phorate	ND		1700	64
23950-58-5	Pronamide	ND		360	140
129-00-0	Pyrene	ND		360	13
110-86-1	Pyridine	ND		710	140
297-97-2	Thionazin	ND		1700	78
56-38-2	Ethyl Parathion	ND		1700	70
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		360	53
120-82-1	1,2,4-Trichlorobenzene	ND		360	30

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB07-10 Lab Sample ID: 280-18743-6
 Matrix: Solid Lab File ID: B6291.D
 Analysis Method: 8270C Date Collected: 08/02/2011 11:10
 Extract. Method: 3550C Date Extracted: 08/08/2011 10:24
 Sample wt/vol: 30.1(g) Date Analyzed: 08/09/2011 21:31
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 0.5(uL) Level: (low/med) Low
 % Moisture: 7.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-50-1	1,2-Dichlorobenzene	ND		360	24
541-73-1	1,3-Dichlorobenzene	ND		360	13
106-46-7	1,4-Dichlorobenzene	ND		360	15
99-35-4	1,3,5-Trinitrobenzene	ND		1700	270
51-28-5	2,4-Dinitrophenol	ND		1700	360
121-14-2	2,4-Dinitrotoluene	ND		360	71
58-90-2	2,3,4,6-Tetrachlorophenol	ND		1700	150
95-95-4	2,4,5-Trichlorophenol	ND		360	11
88-06-2	2,4,6-Trichlorophenol	ND		360	11
120-83-2	2,4-Dichlorophenol	ND		360	11
105-67-9	2,4-Dimethylphenol	ND		360	71
87-65-0	2,6-Dichlorophenol	ND		360	74
99-65-0	1,3-Dinitrobenzene	ND		360	77
91-58-7	2-Chloronaphthalene	ND		360	11
95-57-8	2-Chlorophenol	ND		360	23
53-96-3	2-Acetylaminofluorene	ND		3600	190
606-20-2	2,6-Dinitrotoluene	ND		360	30
91-57-6	2-Methylnaphthalene	ND		360	20
95-48-7	2-Methylphenol	ND		360	14
88-74-4	2-Nitroaniline	ND		1700	54
88-75-5	2-Nitrophenol	ND		360	11
95-53-4	2-Toluidine	ND		710	67
15831-10-4	3 & 4 Methylphenol	ND		360	36
91-94-1	3,3'-Dichlorobenzidine	ND		710	97
130-15-4	1,4-Naphthoquinone	ND		1700	66
134-32-7	1-Naphthylamine	ND		360	54
109-06-8	2-Picoline	ND		710	51
534-52-1	4,6-Dinitro-2-methylphenol	ND		1700	360
119-93-7	3,3'-Dimethylbenzidine	ND		710	430
101-55-3	4-Bromophenyl phenyl ether	ND		360	20
59-50-7	4-Chloro-3-methylphenol	ND		360	71
106-47-8	4-Chloroaniline	ND		360	88
7005-72-3	4-Chlorophenyl phenyl ether	ND		360	23
100-01-6	4-Nitroaniline	ND		1700	78

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB07-10 Lab Sample ID: 280-18743-6
 Matrix: Solid Lab File ID: B6291.D
 Analysis Method: 8270C Date Collected: 08/02/2011 11:10
 Extract. Method: 3550C Date Extracted: 08/08/2011 10:24
 Sample wt/vol: 30.1(g) Date Analyzed: 08/09/2011 21:31
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 0.5(uL) Level: (low/med) Low
 % Moisture: 7.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	ND		1700	100
56-57-5	4-Nitroquinoline-1-oxide	ND		3600	95
56-49-5	3-Methylcholanthrene	ND		710	72
91-59-8	2-Naphthylamine	ND		360	53
99-09-2	3-Nitroaniline	ND		1700	79
92-67-1	4-Aminobiphenyl	ND		1700	170
510-15-6	Ethyl 4,4'-Dichlorobenzilate	ND		360	61
57-97-6	7,12-Dimethylbenz(a)anthracene	ND		710	45
99-55-8	5-Nitro-o-toluidine	ND		710	67

CAS NO.	SURROGATE	REC	Q	LIMITS
367-12-4	2-Fluorophenol	65		53-120
4165-62-2	Phenol-d5	69		52-120
4165-60-0	Nitrobenzene-d5	65		50-120
321-60-8	2-Fluorobiphenyl	70		50-120
118-79-6	2,4,6-Tribromophenol	87		51-120
1718-51-0	Terphenyl-d14	80		55-120

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\B.i\080911.B\B6291.D
Lab Smp Id: 280-18743-A-6-D Client Smp ID: SB07-10
Inj Date : 09-AUG-2011 21:31
Operator : KIEKELD Inst ID: B.i
Smp Info : 280-18743-A-6-D
Misc Info : 280-18743-A-6-D
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\B.i\080911.B\8270C.m
Meth Date : 10-Aug-2011 05:52 kiekeld Quant Type: ISTD
Cal Date : 09-AUG-2011 13:13 Cal File: B6267.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HA.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	30.100	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.955	4.961 (1.000)		249632	40.0000	
* 58 Naphthalene-d8	136	6.207	6.212 (1.000)		989926	40.0000	
* 96 Acenaphthene-d10	164	7.934	7.934 (1.000)		571939	40.0000	
* 135 Phenanthrene-d10	188	9.203	9.209 (1.000)		974834	40.0000	
* 166 Chrysene-d12	240	11.283	11.377 (1.000)		1087819	40.0000	
* 179 Perylene-d12	264	12.599	12.728 (1.000)		1023763	40.0000	
\$ 8 2-Fluorophenol	112	3.727	3.723 (0.752)		852313	97.2428	3230.66
\$ 15 Phenol-d5	99	4.579	4.581 (0.924)		1114930	103.472	3437.61
\$ 43 Nitrobenzene-d5	82	5.496	5.497 (0.885)		595901	65.4514	2174.46
\$ 81 2-Fluorobiphenyl	172	7.264	7.272 (0.916)		1230557	70.0256	2326.43
\$ 118 2,4,6-Tribromophenol	330	8.628	8.635 (1.087)		351524	131.220	4359.47
\$ 154 Terphenyl-d14	244	10.414	10.450 (0.923)		1630042	79.5534	2642.97
\$ 29 1,2-Dichlorobenzene-d4	152	5.108	5.110 (1.031)		364638	59.5648	1978.90
\$ 22 2-Chlorophenol-d4	132	4.744	4.745 (0.957)		896232	107.302	3564.84
4 1,4-Dioxane	88				Compound Not Detected.		
5 N-Nitrosodimethylamine	74				Compound Not Detected.		
6 Pyridine	79				Compound Not Detected.		
9 2-Picoline	93				Compound Not Detected.		
10 N-Nitrosomethylethylamine	88				Compound Not Detected.		
11 Methyl methanesulfonate	80				Compound Not Detected.		
12 N-Nitrosodiethylamine	102				Compound Not Detected.		
13 Ethyl methanesulfonate	79				Compound Not Detected.		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
16 Phenol	94				Compound Not Detected.		
18 Aniline	93				Compound Not Detected.		
19 Methyl Styrene	118				Compound Not Detected.		
20 Bis(2-chloroethyl) ether	93				Compound Not Detected.		
23 2-Chlorophenol	128				Compound Not Detected.		
24 Pentachloroethane	117				Compound Not Detected.		
25 1,3-Dichlorobenzene	146				Compound Not Detected.		
27 1,4-Dichlorobenzene	146				Compound Not Detected.		
28 Benzyl alcohol	108				Compound Not Detected.		
30 1,2-Dichlorobenzene	146				Compound Not Detected.		
32 2-Methylphenol	108				Compound Not Detected.		
34 2,2'-oxybis(1-chloropropane)	45				Compound Not Detected.		
35 1H-Indene	116				Compound Not Detected.		
138 3-Methylphenol	108				Compound Not Detected.		
36 4-Methylphenol	108				Compound Not Detected.		
139 3 & 4-Methylphenol	108				Compound Not Detected.		
37 N-nitrosodi-n-propylamine	70				Compound Not Detected.		
38 Acetophenone	105				Compound Not Detected.		
39 N-Nitrosopyrrolidine	100				Compound Not Detected.		
40 N-Nitrosomorpholine	116				Compound Not Detected.		
41 Hexachloroethane	117				Compound Not Detected.		
42 o-Toluidine	106				Compound Not Detected.		
44 Nitrobenzene	77				Compound Not Detected.		
46 N-Nitrosopiperidine	114				Compound Not Detected.		
47 Isophorone	82				Compound Not Detected.		
49 2-Nitrophenol	139				Compound Not Detected.		
50 2,4-Dimethylphenol	107				Compound Not Detected.		
51 O,O,O-Triethyl phosphorothio	198				Compound Not Detected.		
52 Bis(2-chloroethoxy)methane	93				Compound Not Detected.		
53 Benzoic acid	122				Compound Not Detected.		
54 2,4-Dichlorophenol	162				Compound Not Detected.		
55 a,a-Dimethylphenethylamine	58				Compound Not Detected.		
57 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
59 Naphthalene	128				Compound Not Detected.		
60 4-Chloroaniline	127				Compound Not Detected.		
61 2,6-Dichlorophenol	162				Compound Not Detected.		
62 Hexachlorobutadiene	225				Compound Not Detected.		
63 Hexachloropropene	213				Compound Not Detected.		
64 N-Nitrosodi-n-butylamine	84				Compound Not Detected.		
66 p-Phenylenediamine	108				Compound Not Detected.		
67 Caprolactam	55				Compound Not Detected.		
68 4-Chloro-3-methylphenol	107				Compound Not Detected.		
70 Safrole	162				Compound Not Detected.		
71 2-Methylnaphthalene	142				Compound Not Detected.		
72 1-Methylnaphthalene	142				Compound Not Detected.		
74 Hexachlorocyclopentadiene	237				Compound Not Detected.		
75 1,2,4,5-Tetrachlorobenzene	216				Compound Not Detected.		
76 Isosafrole (#1)	162				Compound Not Detected.		
78 2,4,6-Trichlorophenol	196				Compound Not Detected.		
79 2,3-Dichlorobenzeneamine	161				Compound Not Detected.		
80 2,4,5-Trichlorophenol	196				Compound Not Detected.		
84 Isosafrole (#2)	104				Compound Not Detected.		
85 Biphenyl	154				Compound Not Detected.		
87 1-Chloronaphthalene	162				Compound Not Detected.		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/ml)	FINAL (ug/Kg)
86 2-Chloronaphthalene	162				Compound Not Detected.		
88 2-Nitroaniline	65				Compound Not Detected.		
89 1,4-Naphthoquinone	158				Compound Not Detected.		
90 1,4-Dinitrobenzene	168				Compound Not Detected.		
91 Dimethyl phthalate	163				Compound Not Detected.		
92 1,3-Dinitrobenzene	168				Compound Not Detected.		
93 2,6-Dinitrotoluene	165				Compound Not Detected.		
94 Acenaphthylene	152				Compound Not Detected.		
95 3-Nitroaniline	138				Compound Not Detected.		
97 Acenaphthene	153				Compound Not Detected.		
98 2,4-Dinitrophenol	184				Compound Not Detected.		
99 4-Nitrophenol	109				Compound Not Detected.		
100 Pentachlorobenzene	250				Compound Not Detected.		
101 2,4-Dinitrotoluene	165				Compound Not Detected.		
102 Dibenzofuran	168				Compound Not Detected.		
103 1-Naphthylamine	143				Compound Not Detected.		
104 2,3,4,6-Tetrachlorophenol	232				Compound Not Detected.		
106 2-Naphthylamine	143				Compound Not Detected.		
107 Diethyl phthalate	149				Compound Not Detected.		
108 Thionazin	97				Compound Not Detected.		
109 4-Chlorophenyl phenyl ether	204				Compound Not Detected.		
110 Fluorene	166				Compound Not Detected.		
111 5-Nitro-o-toluidine	152				Compound Not Detected.		
112 4-Nitroaniline	138				Compound Not Detected.		
113 4,6-Dinitro-2-methylphenol	198				Compound Not Detected.		
114 Diphenylamine	169				Compound Not Detected.		
115 N-nitrosodiphenylamine	169				Compound Not Detected.		
116 Azobenzene	77				Compound Not Detected.		
234 1,2-DPH(as Azobenzene)	77				Compound Not Detected.		
117 Sulfotepp	97				Compound Not Detected.		
119 Diallate (#1)	86				Compound Not Detected.		
120 1,3,5-Trinitrobenzene	213				Compound Not Detected.		
121 Phorate	121				Compound Not Detected.		
122 Phenacetin	108				Compound Not Detected.		
123 Diallate (#2)	86				Compound Not Detected.		
124 4-Bromophenyl phenyl ether	248				Compound Not Detected.		
125 Hexachlorobenzene	284				Compound Not Detected.		
126 Dimethoate	87				Compound Not Detected.		
127 Atrazine	200				Compound Not Detected.		
129 Pentachlorophenol	266				Compound Not Detected.		
130 4-Aminobiphenyl	169				Compound Not Detected.		
131 Pentachloronitrobenzene	237				Compound Not Detected.		
132 Pronamide	173				Compound Not Detected.		
133 Disulfoton	88				Compound Not Detected.		
134 2-secbutyl-4,6-dinitrophenol	211				Compound Not Detected.		
136 Phenanthrene	178				Compound Not Detected.		
137 Anthracene	178				Compound Not Detected.		
140 Carbazole	167				Compound Not Detected.		
141 Alachlor	188				Compound Not Detected.		
142 Methyl parathion	109				Compound Not Detected.		
143 Di-n-butyl phthalate	149				Compound Not Detected.		
145 Parathion	109				Compound Not Detected.		
146 4-Nitroquinoline-1-oxide	190				Compound Not Detected.		
147 Methapyrilene	97				Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ug/ml)	(ug/Kg)
148 Isodrin	193				Compound Not Detected.		
149 Fluoranthene	202				Compound Not Detected.		
151 Benzidine	184				Compound Not Detected.		
152 Pyrene	202				Compound Not Detected.		
153 Aramite (#1)	185				Compound Not Detected.		
155 Aramite (#2)	185				Compound Not Detected.		
156 p-Dimethylaminoazobenzene	120				Compound Not Detected.		
157 Chlorobenzilate	251				Compound Not Detected.		
158 Famphur	218				Compound Not Detected.		
159 Butyl benzyl phthalate	149				Compound Not Detected.		
160 3,3'-Dimethylbenzidine	212				Compound Not Detected.		
161 2-Acetylamino fluorene	181				Compound Not Detected.		
162 Bis(2-ethylhexyl) phthalate	149	11.142	11.232	(0.988)	11581	2.23644	74.3004(aH)
164 3,3'-Dichlorobenzidine	252				Compound Not Detected.		
165 Benzo(a)anthracene	228				Compound Not Detected.		
167 Chrysene	228				Compound Not Detected.		
168 Di-n-octyl phthalate	149				Compound Not Detected.		
170 Hexachlorophene	196				Compound Not Detected.		
171 Benzo(b)fluoranthene	252				Compound Not Detected.		
172 Benzo(k)fluoranthene	252				Compound Not Detected.		
176 7,12-Dimethylbenz(a)anthracene	256				Compound Not Detected.		
178 Benzo(a)pyrene	252				Compound Not Detected.		
181 3-Methylcholanthrene	268				Compound Not Detected.		
184 Dibenz(a,j)acridine	279				Compound Not Detected.		
185 Dibenz(a,h)anthracene	278				Compound Not Detected.		
186 Indeno(1,2,3-cd)pyrene	276				Compound Not Detected.		
188 Benzo(g,h,i)perylene	276				Compound Not Detected.		
M 173 Total Isosafrole	162				Compound Not Detected.		
M 174 Total Diallate	86				Compound Not Detected.		
M 175 Total Aramite	185				Compound Not Detected.		

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- H - Operator selected an alternate compound hit.

Data File: B6291.D

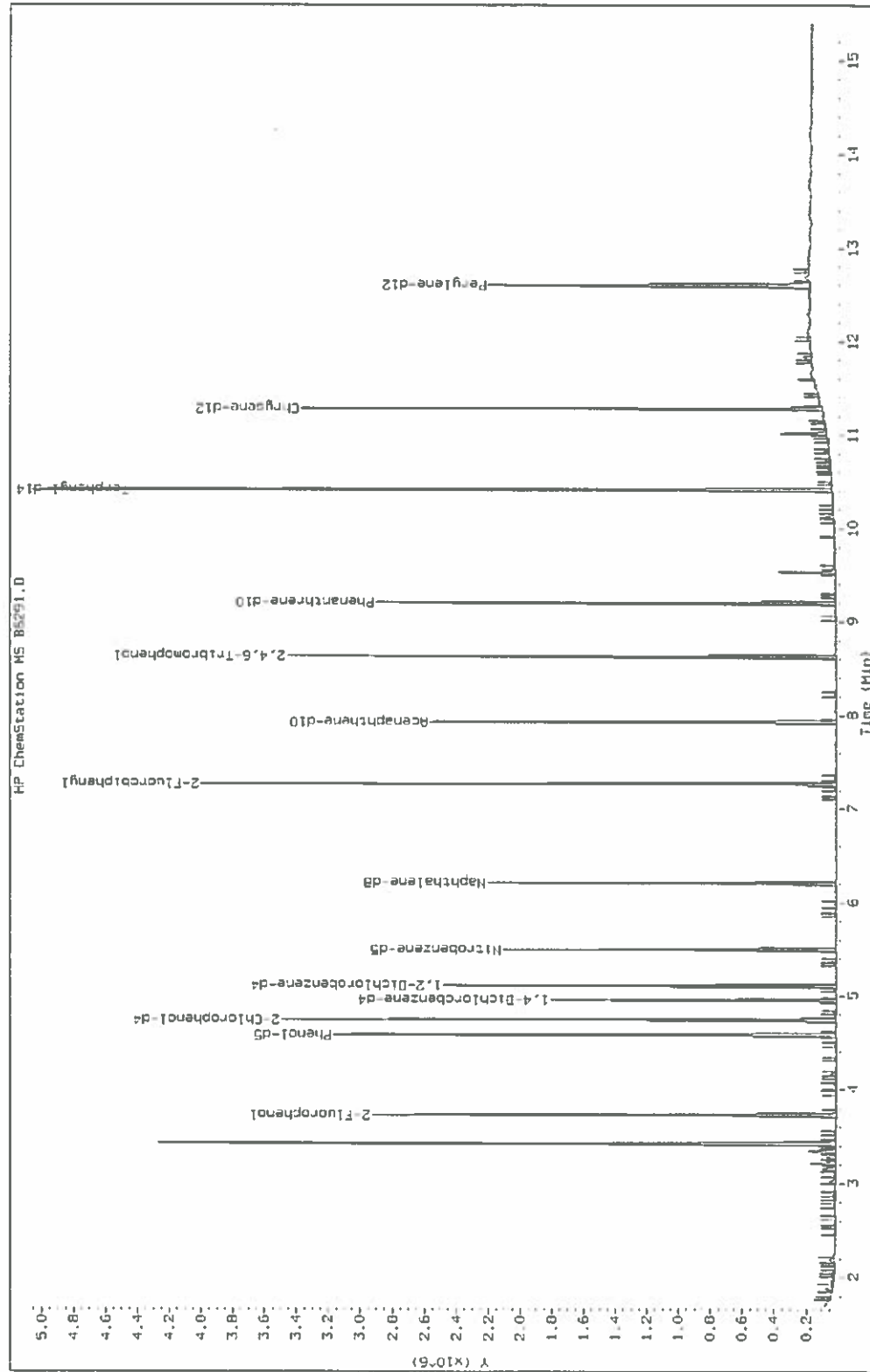
Date: 09-AUG-2011 21:31

Client ID: SB07-10

Sample Info: 280-18743-A-6-D

Instrument: B.i

Operator: KIEKELD



Method 8015B – GRO

**Gasoline Range Organics (GC) by
Method 8015B**

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB04-15 Lab Sample ID: 280-18743-1
Matrix: Solid Lab File ID: 110F0301.D
Analysis Method: 8015B Date Collected: 08/02/2011 09:00
Sample wt/vol: 10.14(g) Date Analyzed: 08/08/2011 15:04
Soil Aliquot Vol: 5 (mL) Dilution Factor: 2
Soil Extract Vol.: 500 (mL) GC Column: RTX 502.2 (105) ID: 0.53 (mm)
% Moisture: 11.4 Level: (low/med) Medium
Analysis Batch No.: 80430 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics (GRO)-C6-C10	88		2.7	0.72

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	95		77-123

Data File: 110F0301.D
Report Date: 09-Aug-2011 12:23

Page 1

TestAmerica

VOLATILE REPORT SOW 3/90

Data file : \\DenSvr03\Public\chem\GCV\GC_L.i\0808111.soilreruns.B\110F0301.D
Lab Smp Id: 280-18743-B-1-A Client Smp ID: SB04-15
Inj Date : 08-AUG-2011 15:04
Operator : AMB Inst ID: GC_L.i
Smp Info : 280-907399,43-1
Misc Info : 280-18743-B-1-A
Comment : REV. OLM01.1.1
Method : \\DenSvr03\Public\chem\GCV\GC_L.i\0808111.soilreruns.B\8015.m
Meth Date : 09-Aug-2011 09:29 GC_L.i Quant Type: ESTD
Cal Date : 11-APR-2011 20:10 Cal File: 122F1201.D
Als bottle: 110
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: GRO.S.01.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * Vp/Va * Vf/Ws * CpndVariable

Name	Value	Description
DF	2.000	Dilution Factor
Uf	1000.000	ng unit correction factor (mg/g)
Ws	10.140	Weight of sample extracted (g)
Vp	5.000	final purge volume (ml)
Va	100.000	vlm methanol added to purge vlm (ul)
Vf	10.000	vlm methanol used for extraction (ml)
Cpnd Variable		Local Compound Variable

		CONCENTRATIONS					
		RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
Compounds							
-----		-----	-----	-----	-----	-----	-----
S 2	Trifluorotoluene	12.120	12.110	0.010	117277	14.2763	1407.92(M)
S 3	GRO - C6 to C10	7.057-20.297			5035668	790.983	78006.2(M)
4	1-Chloro-4-Fluorobenzene	16.743	16.750	-0.007	288693	34.9096	3442.76(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: 110F0301.D

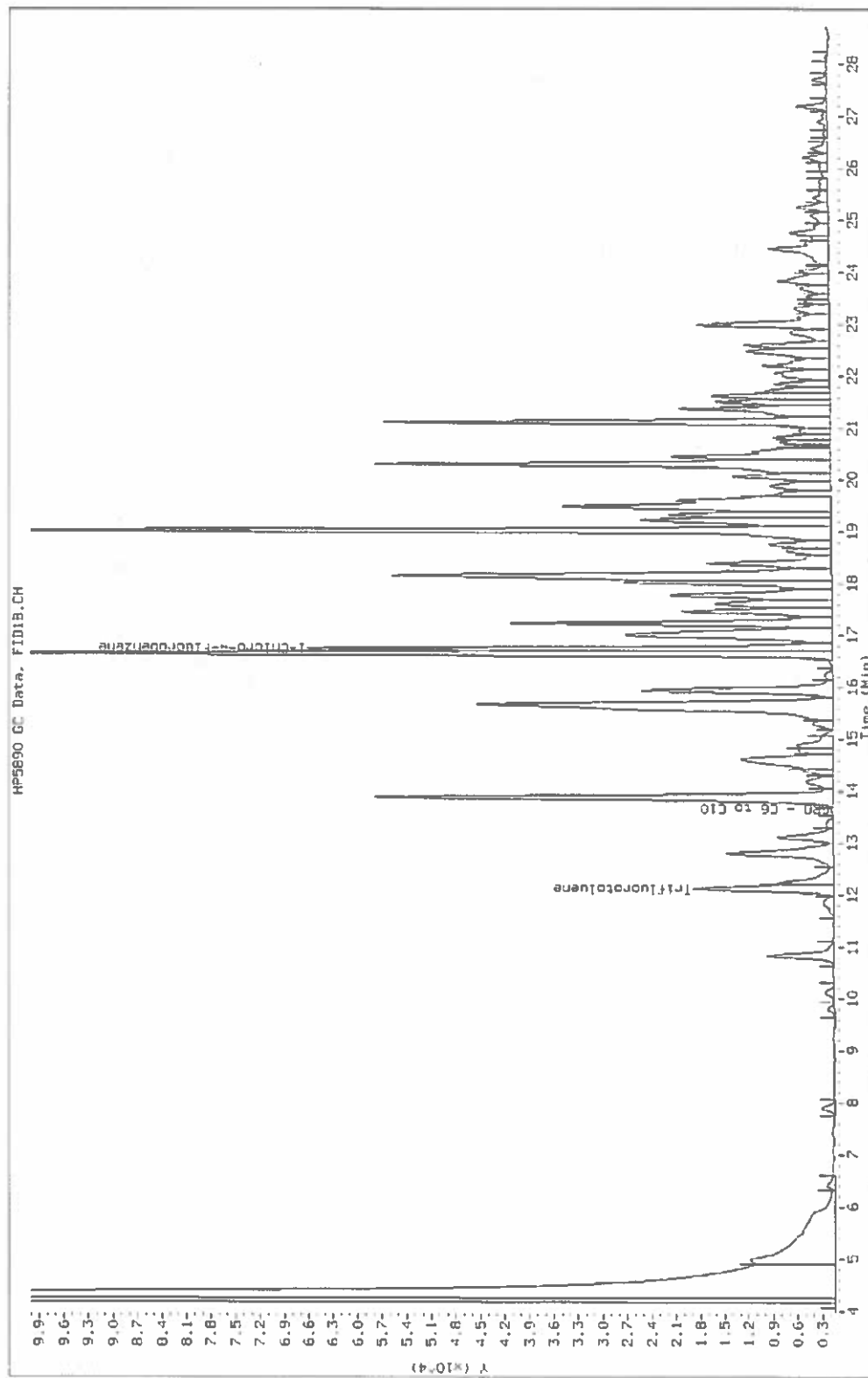
Date: 08-AUG-2011 15:04

Client ID: SB04-15

Sample Info: 280-907399,43-1

Instrument: GC_L.i

Operator: AMB

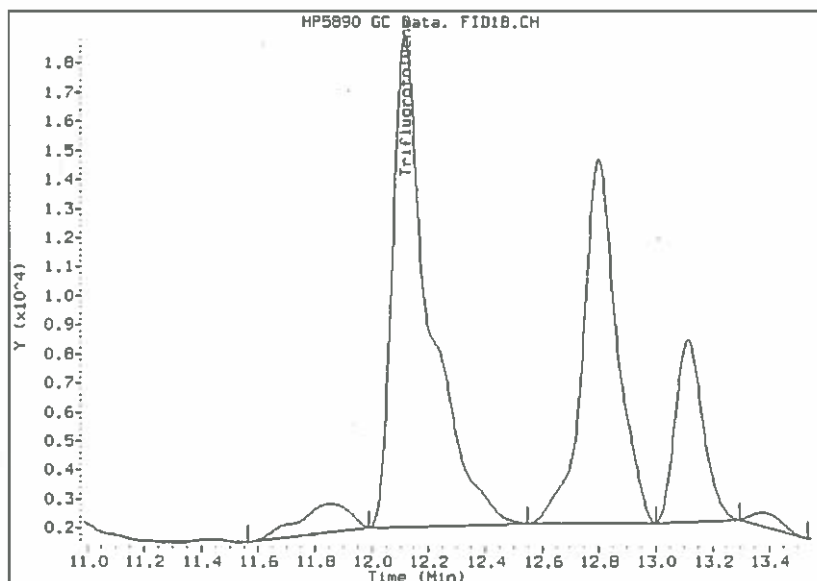


Manual Integration Report

Data File: 110F0301.D
Inj. Date and Time: 08-AUG-2011 15:04
Instrument ID: GC L.i
Client ID: SB04-15
Compound: 2 Trifluorotoluene
CAS #: 98-08-8
Report Date: 08/09/2011

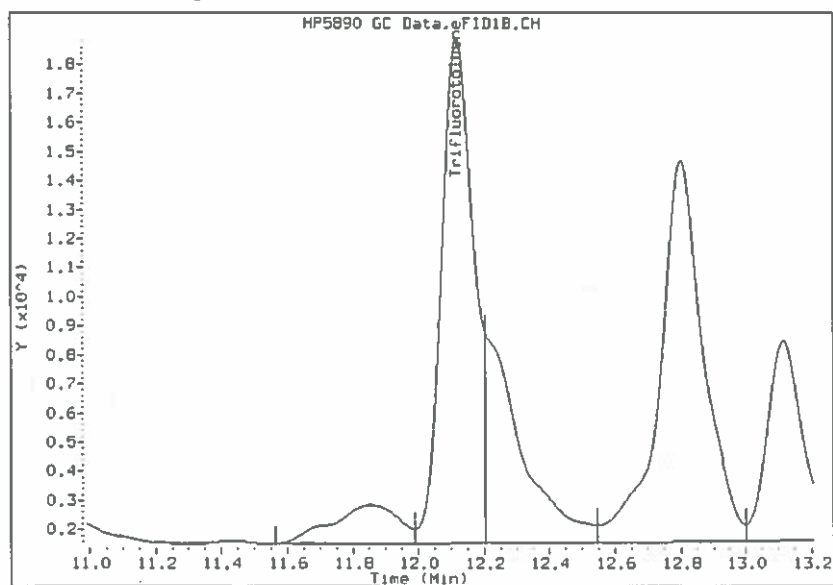
Processing Integration Results

RT: 12.12
Response: 154001
Amount: 18.63
Conc: 1836.95



Manual Integration Results

RT: 12.12
Response: 117277
Amount: 14.28
Conc: 1407.92



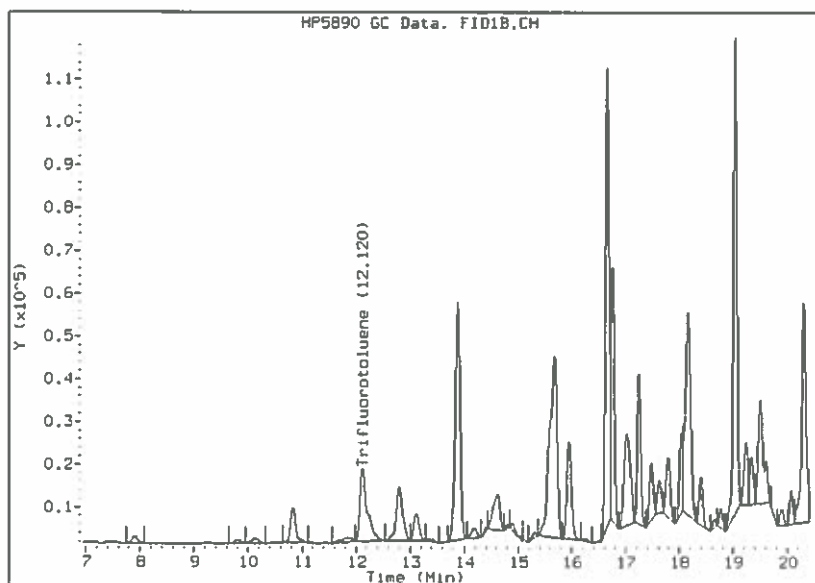
Manually Integrated By: byla
Manual Integration Reason: Split Peak

Manual Integration Report

Data File: 110F0301.D
Inj. Date and Time: 08-AUG-2011 15:04
Instrument ID: GC L.i
Client ID: SB04-15
Compound: 3 GRO - C6 to C10
CAS #: 8006-61-9
Report Date: 08/09/2011

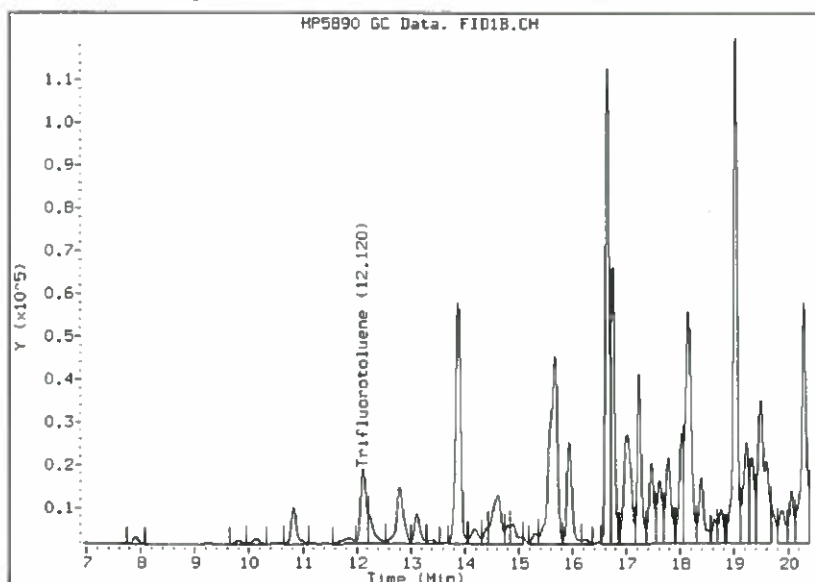
Processing Integration Results

RT: 13.68
Response: 3608922
Amount: 568.07
Conc: 56022.31



Manual Integration Results

RT: 13.68
Response: 5035668
Amount: 790.98
Conc: 78006.24



Manually Integrated By: byla
Manual Integration Reason: Baseline Event

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB04-25 Lab Sample ID: 280-18743-2
Matrix: Solid Lab File ID: 112F0801.D
Analysis Method: 8015B Date Collected: 08/02/2011 09:20
Sample wt/vol: 10.05(g) Date Analyzed: 08/05/2011 16:01
Soil Aliquot Vol: 5 (mL) Dilution Factor: 1
Soil Extract Vol.: 500(mL) GC Column: RTX 502.2 (105) ID: 0.53(mm)
% Moisture: 17.6 Level: (low/med) Medium
Analysis Batch No.: 80294 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics (GRO)-C6-C10	1.4		1.4	0.39

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	86		77-123

Data File: \\DenSvr03\Public\chem\GCV\GC_L.i\0805111.B\112F0801.D Page 1
Report Date: 08-Aug-2011 11:28

TestAmerica

VOLATILE REPORT SOW 3/90

Data file : \\DenSvr03\Public\chem\GCV\GC_L.i\0805111.B\112F0801.D
Lab Smp Id: 280-18743-B-2-A Client Smp ID: SB04-25
Inj Date : 05-AUG-2011 16:01
Operator : AMB Inst ID: GC_L.i
Smp Info : 280-907400,43-2
Misc Info : 280-18743-B-2-A
Comment : REV. OLM01.1.1
Method : \\DenSvr03\Public\chem\GCV\GC_L.i\0805111.B\8015.m
Meth Date : 05-Aug-2011 12:55 byla Quant Type: ESTD
Cal Date : 11-APR-2011 20:10 Cal File: 122F1201.D
Als bottle: 112
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: GRO.S.01.sub
Target Version: 4.14
Processing Host: DENPC382

Concentration Formula: Amt * DF * Uf * Vp/Va * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1000.000	ng unit correction factor (mg/g)
Ws	10.050	Weight of sample extracted (g)
Vp	5.000	final purge volume (ml)
Va	100.000	vlm methanol added to purge vlm (ul)
Vf	10.000	vlm methanol used for extraction (ml)
Cpnd Variable		Local Compound Variable

		CONCENTRATIONS			
		RT	EXP RT	DLT RT	RESPONSE
Compounds		(ug/L)			(ug/Kg)
2 Trifluorotoluene		12.133	12.110	0.023	215673
3 GRO - C6 to C10		7.043-20.273			120232
4 1-Chloro-4-Fluorobenzene		16.756	16.730	0.026	250893

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: 112F0801.D

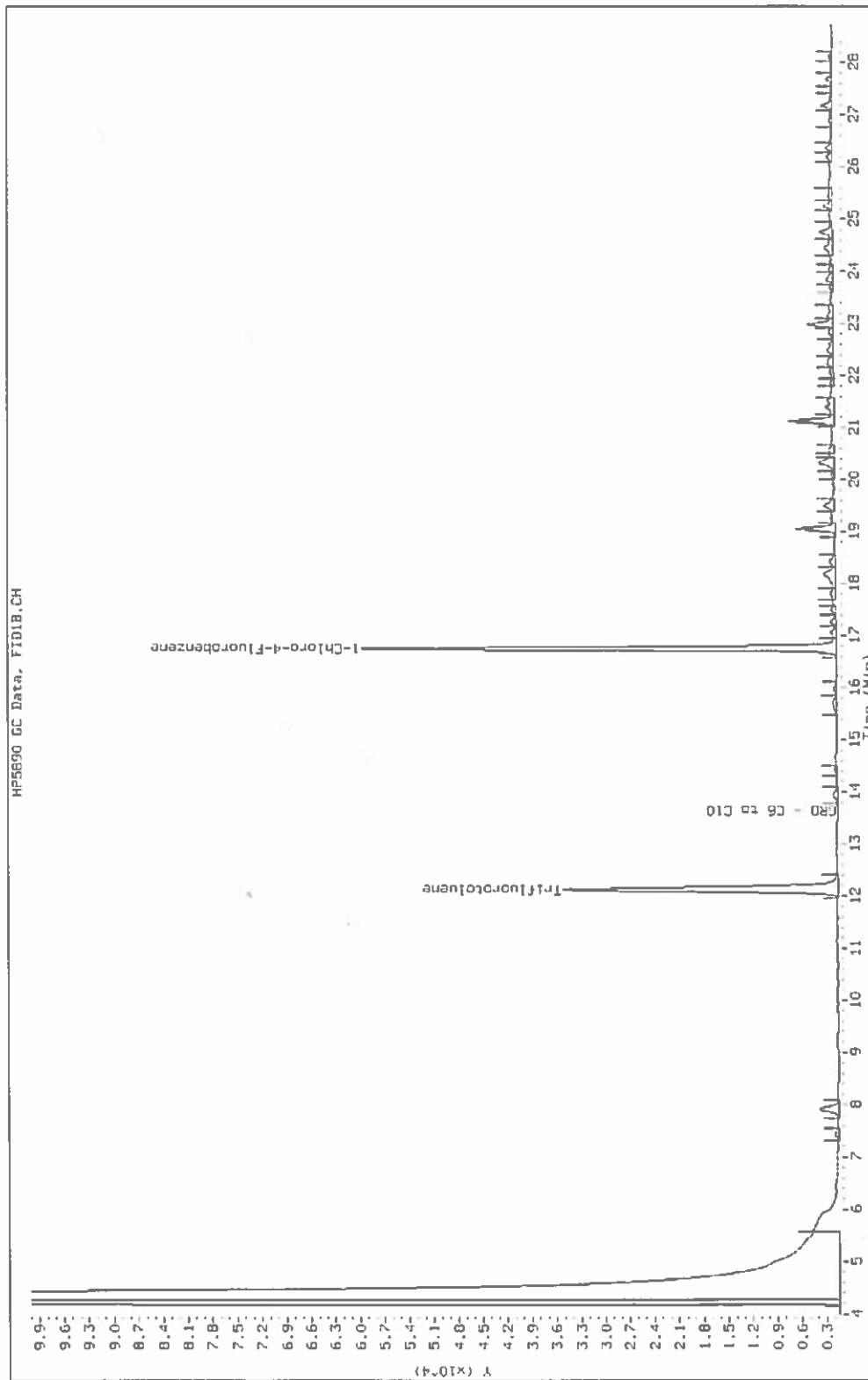
Date: 05-AUG-2011 16:01

Client ID: SB04-25

Sample Info: 280-907400,43-2

Instrument: GC L.i

Operator: AMB

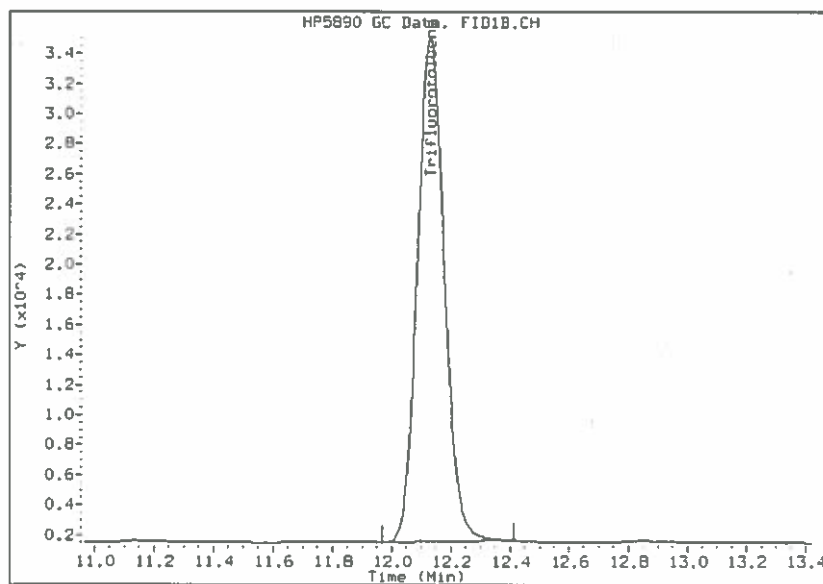


Manual Integration Report

Data File: 112F0801.D
Inj. Date and Time: 05-AUG-2011 16:01
Instrument ID: GC L.i
Client ID: SB04-25
Compound: 2 Trifluorotoluene
CAS #: 98-08-8
Report Date: 08/08/2011

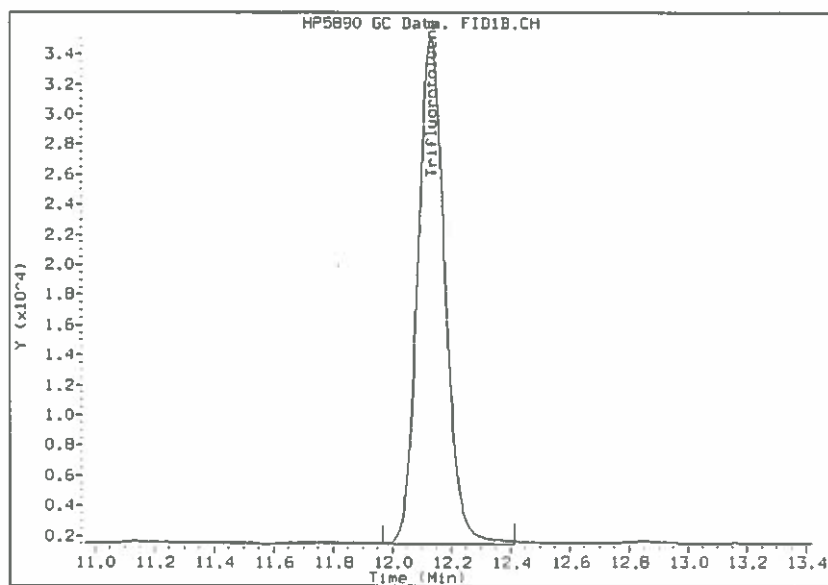
Processing Integration Results

RT: 12.13
Response: 212932
Amount: 25.61
Conc: 1274.02



Manual Integration Results

RT: 12.13
Response: 215673
Amount: 25.93
Conc: 1290.17



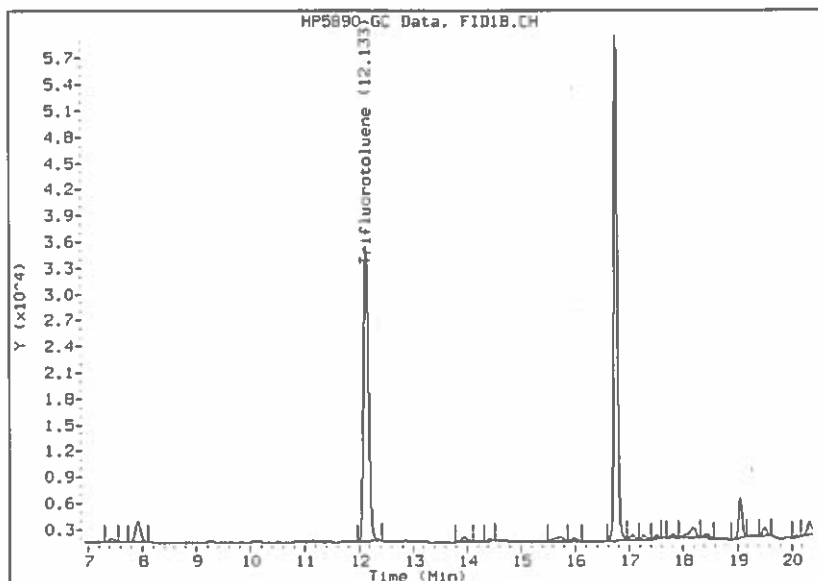
Manually Integrated By: byla
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: 112F0801.D
Inj. Date and Time: 05-AUG-2011 16:01
Instrument ID: GC L.i
Client ID: SB04-25
Compound: 3 GRO - C6 to C10
CAS #: 8006-61-9
Report Date: 08/08/2011

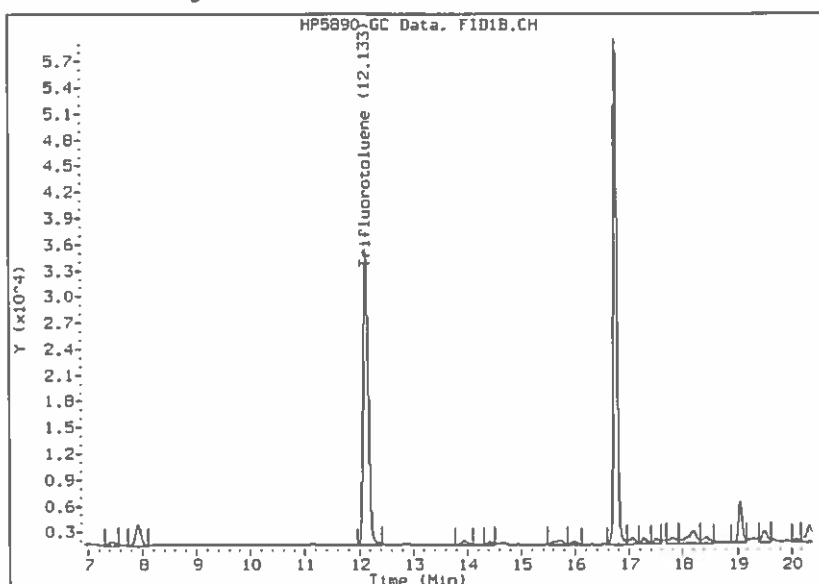
Processing Integration Results

RT: 13.66
Response: 81644
Amount: 16.96
Conc: 843.72



Manual Integration Results

RT: 13.66
Response: 120232
Amount: 22.99
Conc: 1143.67



Manually Integrated By: byla
Manual Integration Reason: Baseline Event

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB05-10 Lab Sample ID: 280-18743-3
Matrix: Solid Lab File ID: 113F0901.D
Analysis Method: 8015B Date Collected: 08/02/2011 09:50
Sample wt/vol: 10.35(g) Date Analyzed: 08/05/2011 16:39
Soil Aliquot Vol: 5 (mL) Dilution Factor: 1
Soil Extract Vol.: 500 (mL) GC Column: RTX 502.2 (105) ID: 0.53 (mm)
% Moisture: 7.2 Level: (low/med) Medium
Analysis Batch No.: 80294 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics (GRO)-C6-C10	ND		1.3	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	91		77-123

TestAmerica

VOLATILE REPORT SOW 3/90

Data file : \\DenSvr03\Public\chem\GCV\GC_L.i\0805111.B\113F0901.D
 Lab Smp Id: 280-18743-B-3-A Client Smp ID: SB05-10
 Inj Date : 05-AUG-2011 16:39
 Operator : AMB Inst ID: GC_L.i
 Smp Info : 280-907401,43-3
 Misc Info : 280-18743-B-3-A
 Comment : REV. OLM01.1.1
 Method : \\DenSvr03\Public\chem\GCV\GC_L.i\0805111.B\8015.m
 Meth Date : 05-Aug-2011 12:55 byla Quant Type: ESTD
 Cal Date : 11-APR-2011 20:10 Cal File: 122F1201.D
 Als bottle: 113
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: GRO.S.01.sub
 Target Version: 4.14
 Processing Host: DENPC382

Concentration Formula: Amt * DF * Uf * Vp/Va * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1000.000	ng unit correction factor (mg/g)
Ws	10.350	Weight of sample extracted (g)
Vp	5.000	final purge volume (ml)
Va	100.000	vlm methanol added to purge vlm (ul)
Vf	10.000	vlm methanol used for extraction (ml)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/Kg)
S 2 Trifluorotoluene	12.133	12.110	0.023	227348	27.3155	1319.59 (M)
S 3 GRO - C6 to C10	7.043-20.273			29421	8.79938	425.091 (aM)
4 1-Chloro-4-Fluorobenzene	16.750	16.730	0.020	231432	28.0460	1354.88 (M)

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).
 M - Compound response manually integrated.

Data File: 113F0901.D

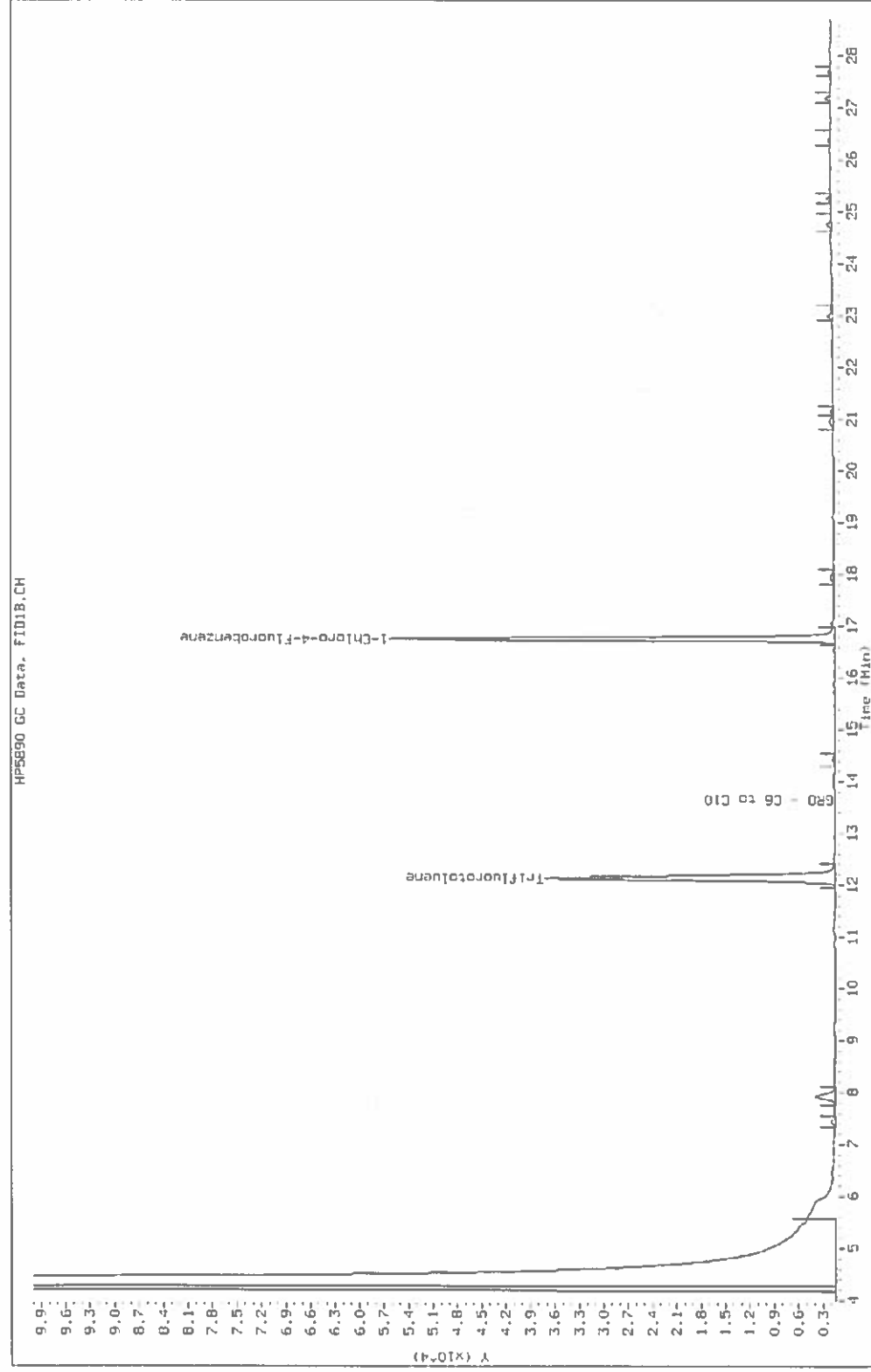
Date: 05-AUG-2011 16:39

Client ID: SB05-10

Sample Info: 280-907401,43-3

Instrument: GC_L.i

Operator: AMB

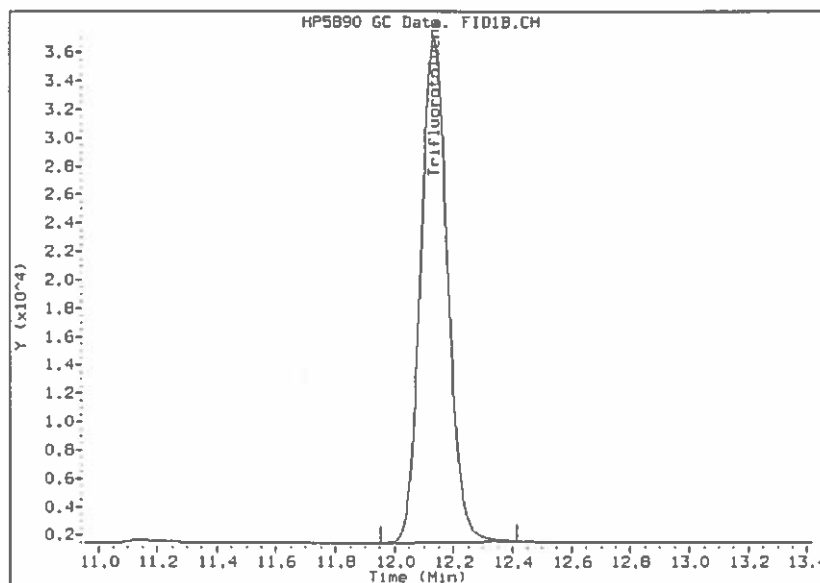


Manual Integration Report

Data File: 113F0901.D
Inj. Date and Time: 05-AUG-2011 16:39
Instrument ID: GC L.i
Client ID: SB05-10
Compound: 2 Trifluorotoluene
CAS #: 98-08-8
Report Date: 08/08/2011

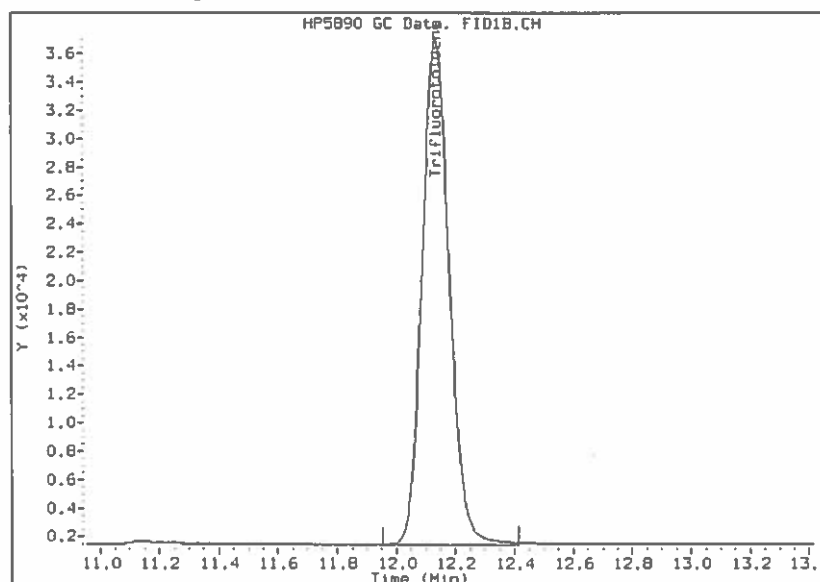
Processing Integration Results

RT: 12.13
Response: 225554
Amount: 27.10
Conc: 1309.32



Manual Integration Results

RT: 12.13
Response: 227348
Amount: 27.32
Conc: 1319.59



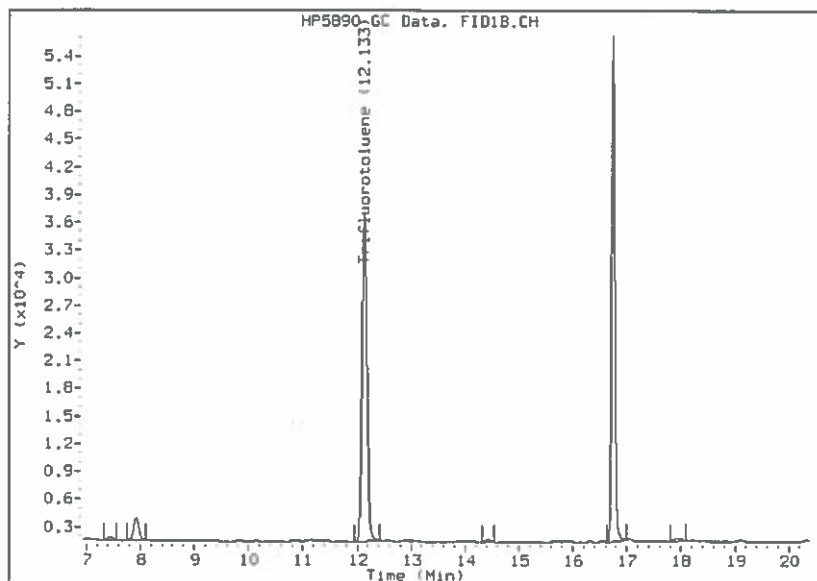
Manually Integrated By: byla
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: 113F0901.D
Inj. Date and Time: 05-AUG-2011 16:39
Instrument ID: GC L.i
Client ID: SB05-10
Compound: 3 GRO - C6 to C10
CAS #: 8006-61-9
Report Date: 08/08/2011

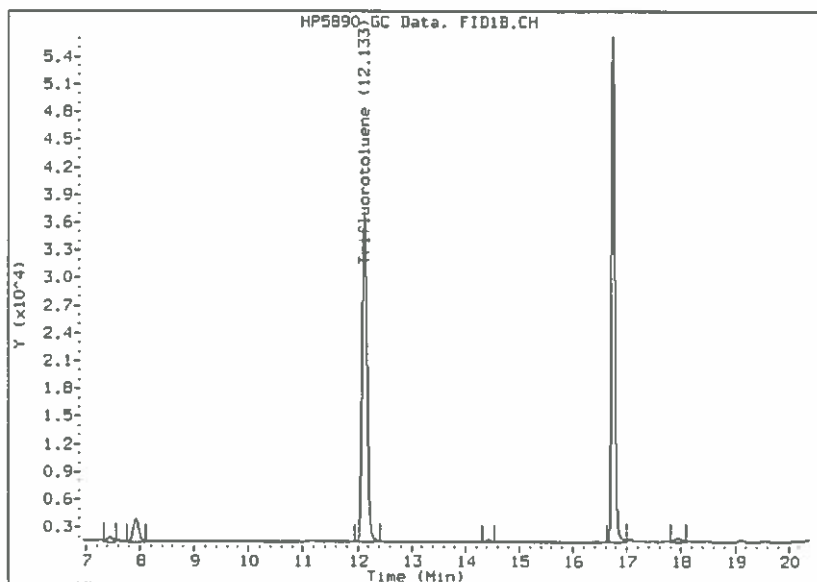
Processing Integration Results

RT: 13.66
Response: 22408
Amount: 7.70
Conc: 372.16



Manual Integration Results

RT: 13.66
Response: 29421
Amount: 8.80
Conc: 425.09



Manually Integrated By: byla
Manual Integration Reason: Baseline Event

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB06-10 Lab Sample ID: 280-18743-4
Matrix: Solid Lab File ID: 111F0401.D
Analysis Method: 8015B Date Collected: 08/02/2011 10:08
Sample wt/vol: 10.11(g) Date Analyzed: 08/08/2011 15:41
Soil Aliquot Vol: 5 (mL) Dilution Factor: 5
Soil Extract Vol.: 500(mL) GC Column: RTX 502.2 (105) ID: 0.53 (mm)
% Moisture: 7.6 Level: (low/med) Medium
Analysis Batch No.: 80430 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics (GRO)-C6-C10	160		6.4	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	85		77-123

Data File: 111F0401.D
Report Date: 09-Aug-2011 09:29

Page 1

TestAmerica

VOLATILE REPORT SOW 3/90

Data file : \\DenSvr03\Public\chem\GCV\GC_L.i\0808111.soilreruns.B\111F0401.D
Lab Smp Id: 280-18743-B-4-A Client Smp ID: SB06-10
Inj Date : 08-AUG-2011 15:41
Operator : AMB Inst ID: GC_L.i
Smp Info : 280-907402,43-4
Misc Info : 280-18743-B-4-A
Comment : REV. OLMO1.1.1
Method : \\DenSvr03\Public\chem\GCV\GC_L.i\0808111.soilreruns.B\8015.m
Meth Date : 09-Aug-2011 09:29 GC_L.i Quant Type: ESTD
Cal Date : 11-APR-2011 20:10 Cal File: 122F1201.D
Als bottle: 111
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: GRO.S.01.sub
Target Version: 4.14
Processing Host: DENPC382

Concentration Formula: Amt * DF * Uf * Vp/Va * Vf/Ws * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1000.000	ng unit correction factor (mg/g)
Ws	10.110	Weight of sample extracted (g)
Vp	5.000	final purge volume (ml)
Va	100.000	vlm methanol added to purge vlm (ul)
Vf	10.000	vlm methanol used for extraction (ml)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
		RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
Compounds							
S	2 Trifluorotoluene	12.136	12.110	0.026	39920	5.11249	1264.22 (M)
S	3 GRO - C6 to C10	7.057-20.297			3701544	582.538	144050 (M)
	4 1-Chloro-4-Fluorobenzene	16.746	16.750	-0.004	279273	33.7805	8353.24 (M)

QC Flag Legend

M - Compound response manually integrated.

Data File: 111F0401.D

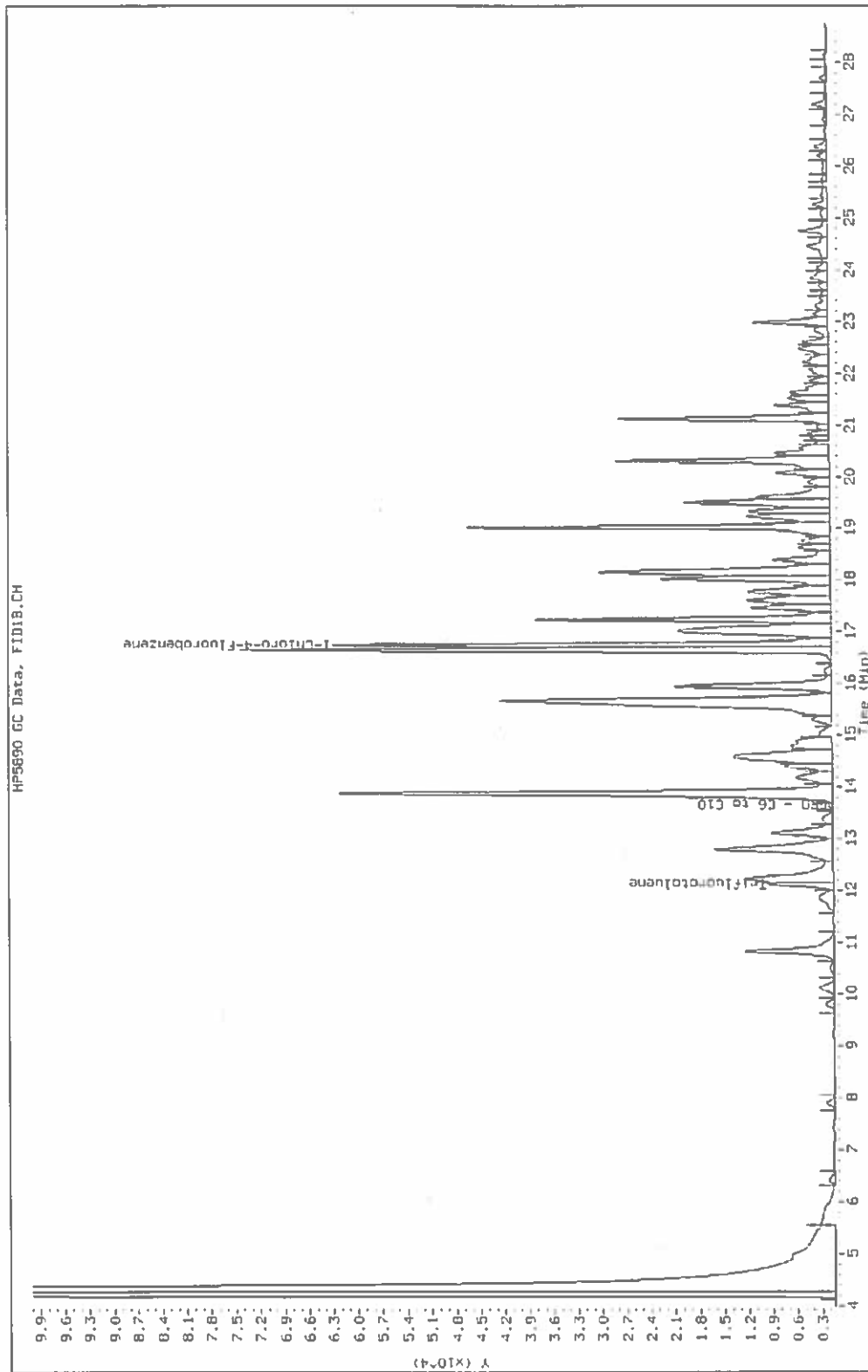
Date: 08-AUG-2011 15:41

Client ID: SB06-10

Sample Info: 280-907402,43-4

Instrument: GC_L.i

Operator: AMB

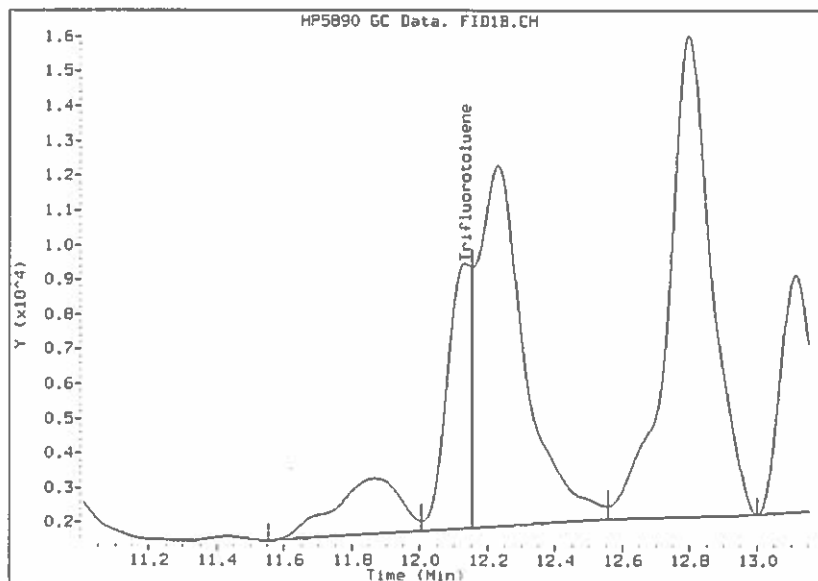


Manual Integration Report

Data File: 111F0401.D
Inj. Date and Time: 08-AUG-2011 15:41
Instrument ID: GC L.i
Client ID: SB06-10
Compound: 2 Trifluorotoluene
CAS #: 98-08-8
Report Date: 08/09/2011

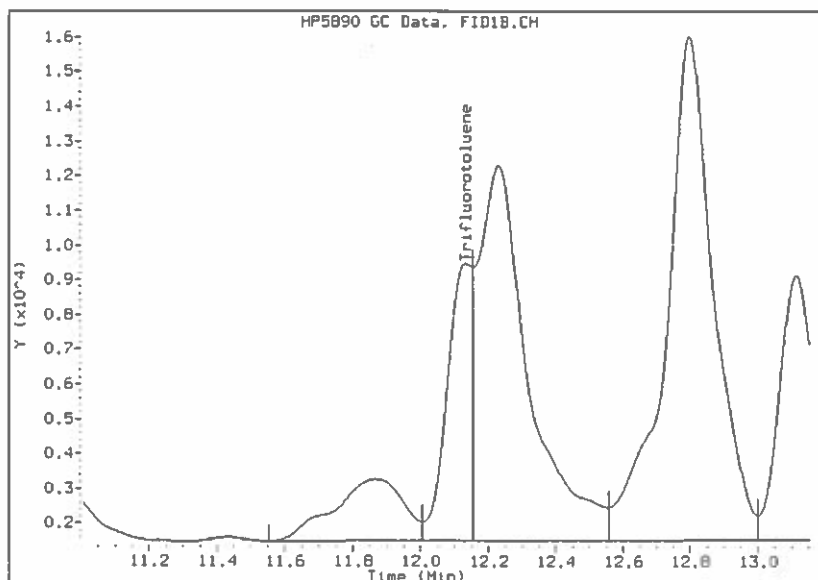
Processing Integration Results

RT: 12.14
Response: 36304
Amount: 4.68
Conc: 1158.29



Manual Integration Results

RT: 12.14
Response: 39920
Amount: 5.11
Conc: 1264.22



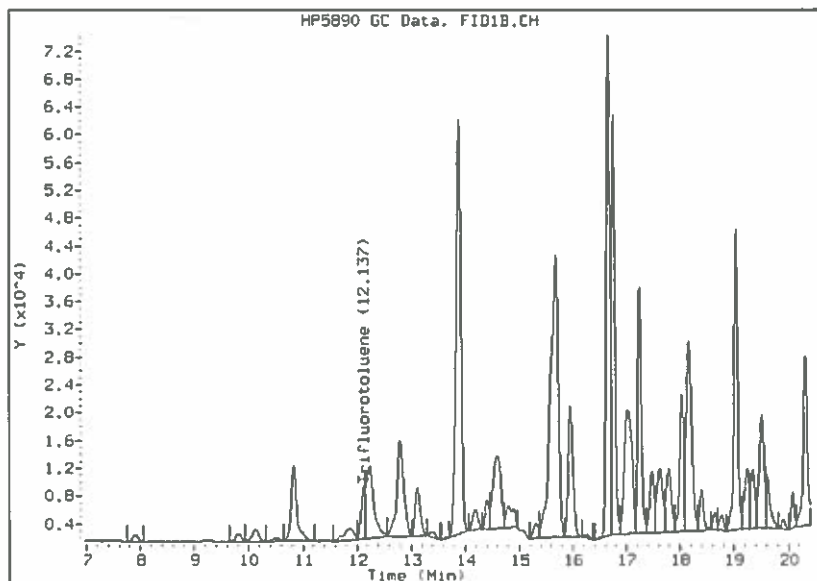
Manually Integrated By: byla
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: 111F0401.D
Inj. Date and Time: 08-AUG-2011 15:41
Instrument ID: GC L.i
Client ID: SB06-10
Compound: 3 GRO - C6 to C10
CAS #: 8006-61-9
Report Date: 08/09/2011

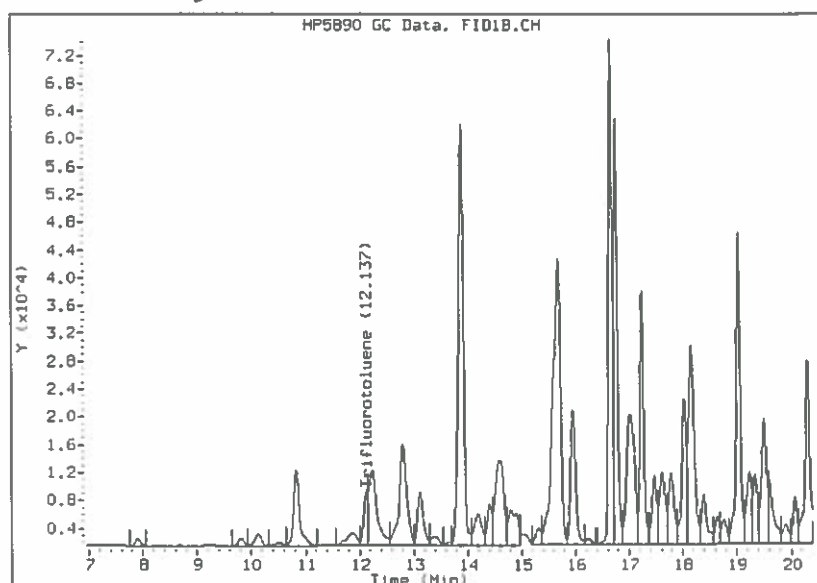
Processing Integration Results

RT: 13.68
Response: 3225871
Amount: 508.22
Conc: 125672.04



Manual Integration Results

RT: 13.68
Response: 3701544
Amount: 582.54
Conc: 144049.86



Manually Integrated By: byla
Manual Integration Reason: Baseline Event

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB06-20 Lab Sample ID: 280-18743-5
 Matrix: Solid Lab File ID: 112F0501.D
 Analysis Method: 8015B Date Collected: 08/02/2011 10:30
 Sample wt/vol: 10.34(g) Date Analyzed: 08/08/2011 16:19
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 1
 Soil Extract Vol.: 500(mL) GC Column: RTX 502.2 (105) ID: 0.53(mm)
 % Moisture: 18.9 Level: (low/med) Medium
 Analysis Batch No.: 80430 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics (GRO)-C6-C10	ND		1.4	0.39

CAS NO.	SURROGATE	REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	83		77-123

Data File: 112F0501.D
Report Date: 09-Aug-2011 09:29

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TestAmerica

VOLATILE REPORT SOW 3/90

Data file : \\DenSvr03\Public\chem\GCV\GC_L.i\0808111.soilreruns.B\112F0501.D
Lab Smp Id: 280-18743-B-5-A Client Smp ID: SB06-20
Inj Date : 08-AUG-2011 16:19
Operator : AMB Inst ID: GC_L.i
Smp Info : 280-907403,43-5
Misc Info : 280-18743-B-5-A
Comment : REV. OLM01.1.1
Method : \\DenSvr03\Public\chem\GCV\GC_L.i\0808111.soilreruns.B\8015.m
Meth Date : 09-Aug-2011 09:29 GC_L.i Quant Type: ESTD
Cal Date : 11-APR-2011 20:10 Cal File: 122F1201.D
Als bottle: 112
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: GRO.S.01.sub
Target Version: 4.14
Processing Host: DENPC382

Concentration Formula: Amt * DF * Uf * Vp/Va * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1000.000	ng unit correction factor (mg/g)
Ws	10.340	Weight of sample extracted (g)
Vp	5.000	final purge volume (ml)
Va	100.000	vlm methanol added to purge vlm (ul)
Vf	10.000	vlm methanol used for extraction (ml)
Cpnd Variable		Local Compound Variable

		CONCENTRATIONS					
		RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
Compounds							
*****		----	-----	-----	-----	-----	-----
\$ 2	Trifluorotoluene	12.130	12.110	0.020	207726	24.9911	1208.46(M)
S 3	GRO - C6 to C10	7.057-20.297			25409	8.17254	395.190(aM)
4	1-Chloro-4-Fluorobenzene	16.753	16.750	0.003	226593	27.4659	1328.14 (M)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: 112F0501.D

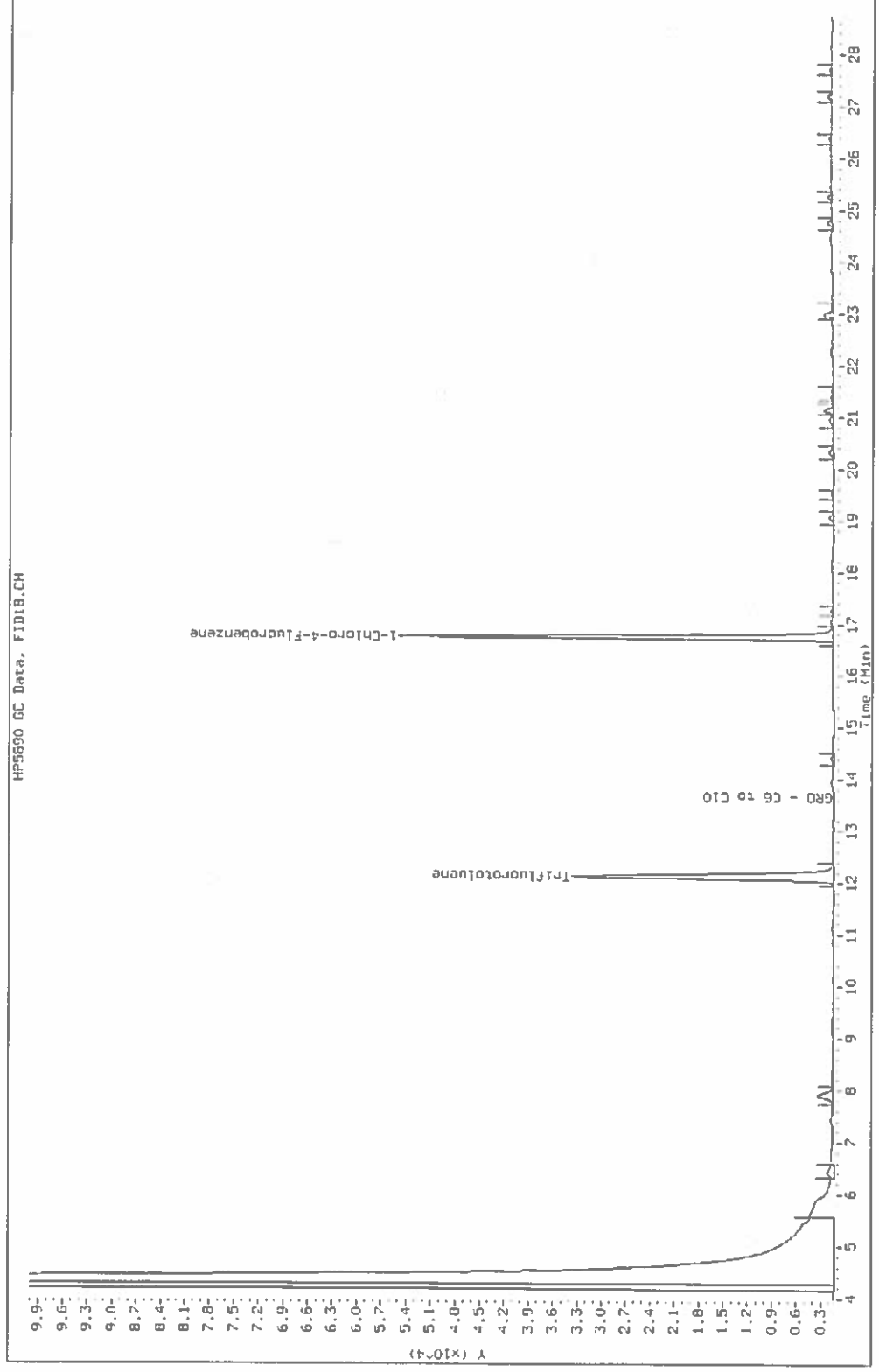
Date: 08-AUG-2011 16:19

Client ID: SB06-20

Sample Info: 280-907403,43-5

Instrument: GC_L.i

Operator: AMB

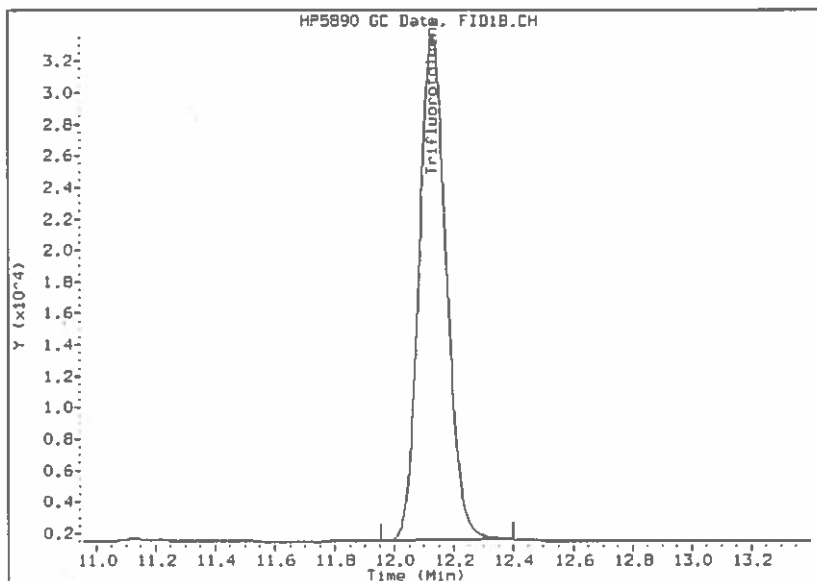


Manual Integration Report

Data File: 112F0501.D
Inj. Date and Time: 08-AUG-2011 16:19
Instrument ID: GC L.i
Client ID: SB06-20
Compound: 2 Trifluorotoluene
CAS #: 98-08-8
Report Date: 08/09/2011

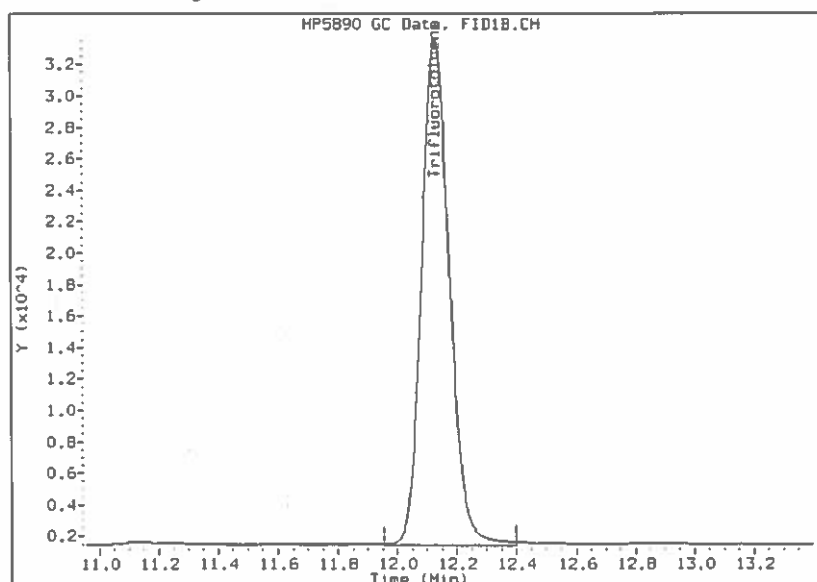
Processing Integration Results

RT: 12.13
Response: 204601
Amount: 24.62
Conc: 1190.56



Manual Integration Results

RT: 12.13
Response: 207726
Amount: 24.99
Conc: 1208.47



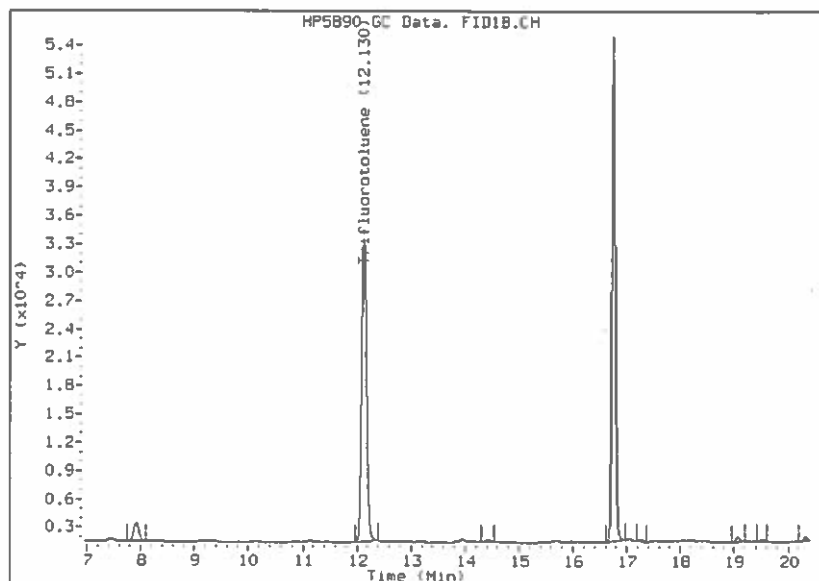
Manually Integrated By: byla
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: 112F0501.D
Inj. Date and Time: 08-AUG-2011 16:19
Instrument ID: GC L.i
Client ID: SB06-20
Compound: 3 GRO - C6 to C10
CAS #: 8006-61-9
Report Date: 08/09/2011

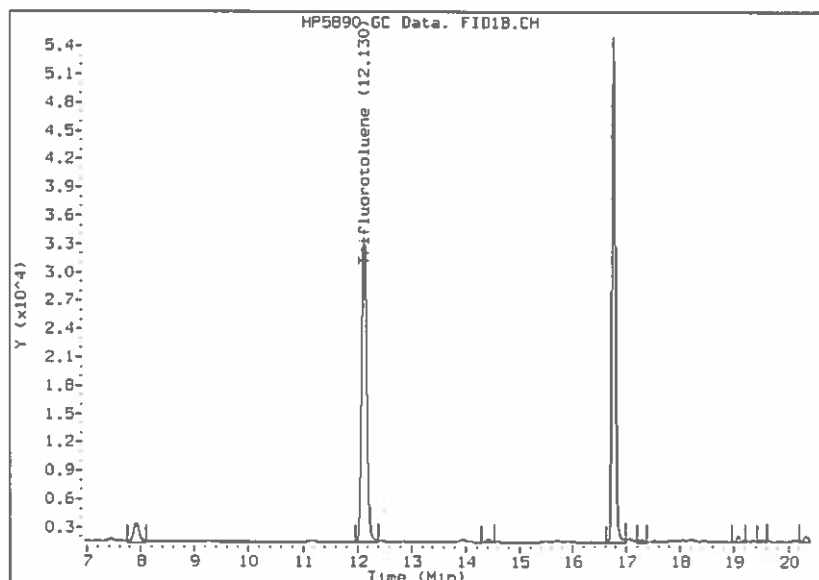
Processing Integration Results

RT: 13.68
Response: 19002
Amount: 7.17
Conc: 346.78



Manual Integration Results

RT: 13.68
Response: 25409
Amount: 8.17
Conc: 395.19



Manually Integrated By: byla
Manual Integration Reason: Baseline Event

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB07-10 Lab Sample ID: 280-18743-6
Matrix: Solid Lab File ID: 117F1301.D
Analysis Method: 8015B Date Collected: 08/02/2011 11:10
Sample wt/vol: 10.35(g) Date Analyzed: 08/05/2011 19:11
Soil Aliquot Vol: 5 (mL) Dilution Factor: 1
Soil Extract Vol.: 500 (mL) GC Column: RTX 502.2 (105) ID: 0.53 (mm)
% Moisture: 7.6 Level: (low/med) Medium
Analysis Batch No.: 80294 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
8006-61-9	Gasoline Range Organics (GRO)-C6-C10	ND		1.3	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	92		77-123

TestAmerica

VOLATILE REPORT SOW 3/90

Data file : \\DenSvr03\Public\chem\GCV\GC_L.i\0805111.B\117F1301.D
Lab Smp Id: 280-18743-B-6-A Client Smp ID: SB07-10
Inj Date : 05-AUG-2011 19:11
Operator : AMB Inst ID: GC_L.i
Smp Info : 280-907404,43-6
Misc Info : 280-18743-B-6-A
Comment : REV. OLM01.1.1
Method : \\DenSvr03\Public\chem\GCV\GC_L.i\0805111.B\8015.m
Meth Date : 05-Aug-2011 12:55 byla Quant Type: ESTD
Cal Date : 11-APR-2011 20:10 Cal File: 122F1201.D
Als bottle: 117
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: GRO.S.01.sub
Target Version: 4.14
Processing Host: DENPC382

Concentration Formula: Amt * DF * Uf * Vp/Va * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1000.000	ng unit correction factor (mg/g)
Ws	10.350	Weight of sample extracted (g)
Vp	5.000	final purge volume (ml)
Va	100.000	vlm methanol added to purge vlm (ul)
Vf	10.000	vlm methanol used for extraction (ml)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/L)	FINAL (ug/Kg)
5 2 Trifluorotoluene	12.130	12.110	0.020	230247	27.6589	1336.18 (M)
S 3 GRO - C6 to C10	7.043-20.273			35323	9.72152	469.638 (aM)
4 1-Chloro-4-Fluorobenzene	16.750	16.730	0.020	241326	29.2319	1412.17 (M)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: 117F1301.D

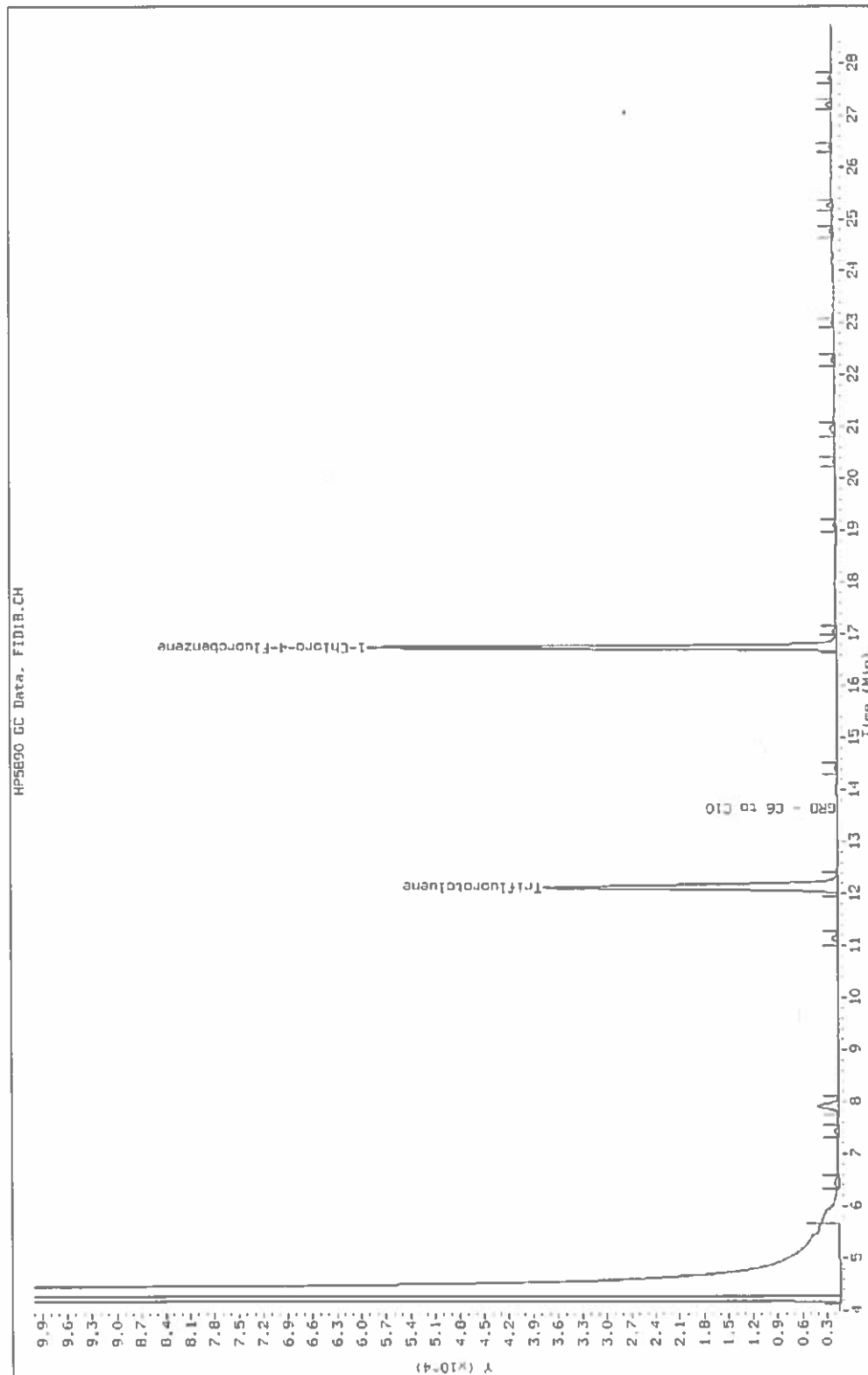
Date: 05-AUG-2011 19:11

Client ID: SB07-10

Sample Info: 280-907404,43-6

Instrument: GC_L.i

Operator: AMB

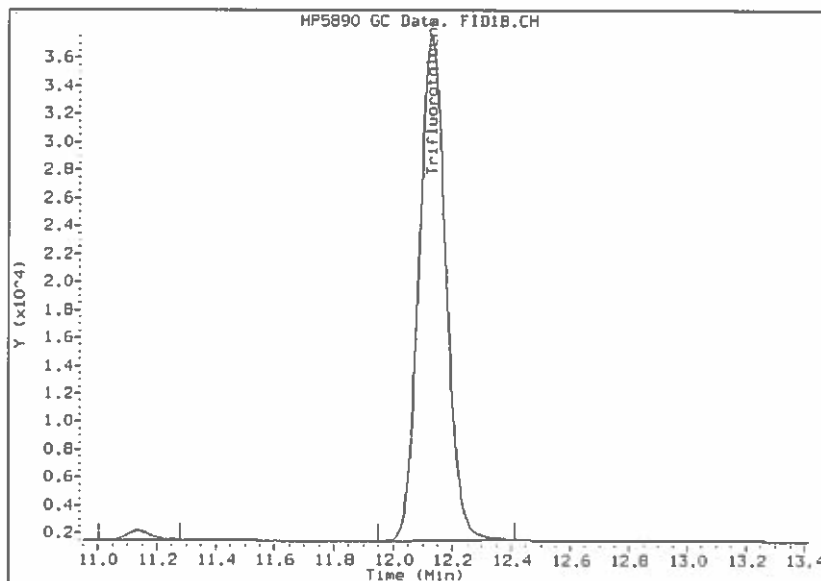


Manual Integration Report

Data File: 117F1301.D
Inj. Date and Time: 05-AUG-2011 19:11
Instrument ID: GC L.i
Client ID: SB07-10
Compound: 2 Trifluorotoluene
CAS #: 98-08-8
Report Date: 08/08/2011

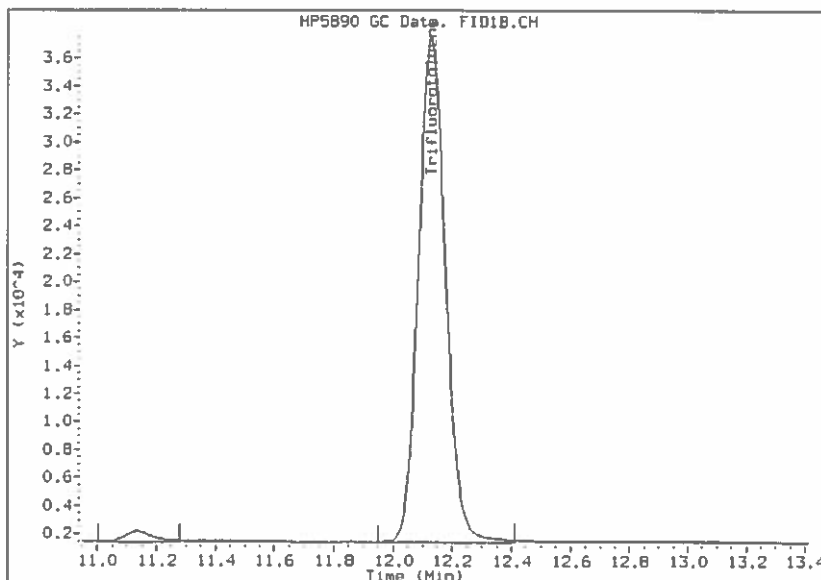
Processing Integration Results

RT: 12.13
Response: 228329
Amount: 27.43
Conc: 1325.20



Manual Integration Results

RT: 12.13
Response: 230247
Amount: 27.66
Conc: 1336.18



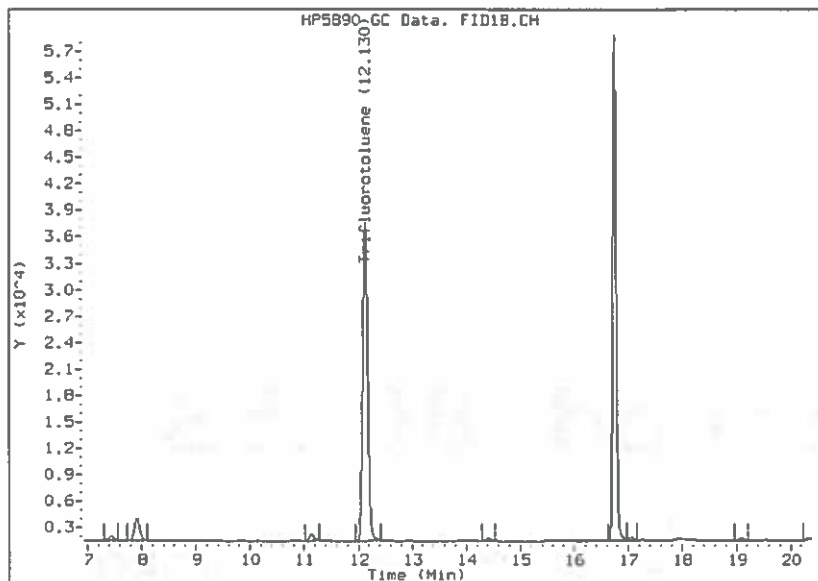
Manually Integrated By: byla
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: 117F1301.D
Inj. Date and Time: 05-AUG-2011 19:11
Instrument ID: GC L.i
Client ID: SB07-10
Compound: 3 GRO - C6 to C10
CAS #: 8006-61-9
Report Date: 08/08/2011

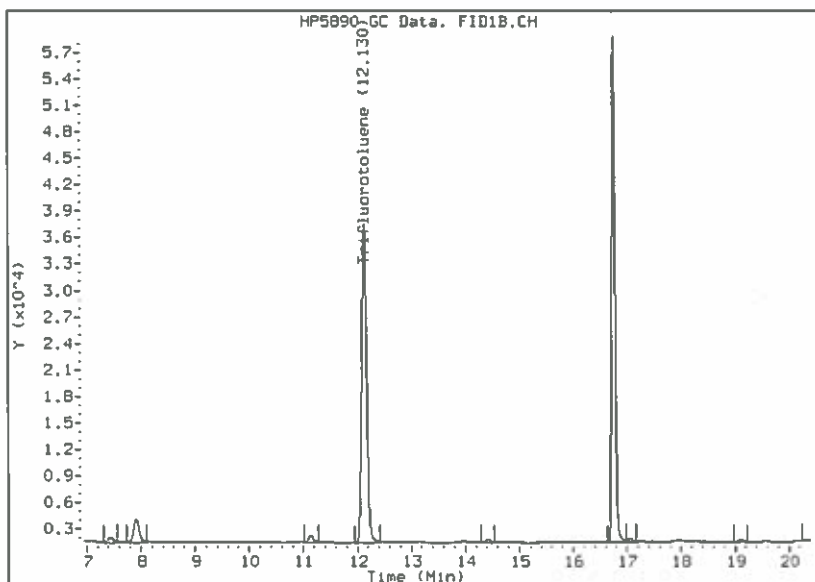
Processing Integration Results

RT: 13.66
Response: 28451
Amount: 8.65
Conc: 417.77



Manual Integration Results

RT: 13.66
Response: 35323
Amount: 9.72
Conc: 469.64



Manually Integrated By: byla
Manual Integration Reason: Baseline Event

Method 8015B - DRO

**Diesel Range Organics (DRO) (GC) by
Method 8015B**

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB04-15 Lab Sample ID: 280-18743-1
Matrix: Solid Lab File ID: 019F1901.D
Analysis Method: 8015B Date Collected: 08/02/2011 09:00
Extraction Method: 3546 Date Extracted: 08/04/2011 13:20
Sample wt/vol: 31.0(g) Date Analyzed: 08/05/2011 20:19
Con. Extract Vol.: 1000(uL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: RTX-1 (30.32) ID: 0.25(mm)
% Moisture: 11.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 80462 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00383	Motor Oil Range Organics (C25-C36)	43		13	4.3
STL00258	Diesel Range Organics [C10-C25]	66		4.4	0.74

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	65		49-115

Data File: \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\019F1901.D
Report Date: 09-Aug-2011 10:47

TestAmerica

SW846 8015 mod.

Data file : \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\019F1901.D
Lab Smp Id: 280-905963
Inj Date : 05-AUG-2011 20:19
Operator : MB
Smp Info : 280-905963,43-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\DR01.m
Meth Date : 09-Aug-2011 10:32 pavlakoa Quant Type: ESTD
Cal Date : 11-JUL-2011 20:27 Cal File: 018F1801.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 4.14
Processing Host: DENPC356
Inst ID: GC_U2.i
Compound Sublist: C10-C25-C36.sub

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	Final Volume of Extract (uL)
Ws	31.000	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds						CONCENTRATIONS	
	RT	EXP RT	DLT RT	RESPONSE		ON-COLUMN	FINAL
						(ug/ml)	(ug/Kg)
S 3 C10-C22	3.880-13.370			2464585		1578.56	50920
S 5 C10-25	3.880-14.940			2854366		1803.86	58190
S 8 C10-C28	3.880-16.350			3194006		2015.40	65010
S 1 o-Terphenyl	11.115	11.124	-0.009	23952		13.0590	421.2 (M)
S 9 C10-C36	3.880-18.810			3948443		2485.99	80190 (M)
S 4 C22-C36	13.370-18.810			1483857		1186.68	38280 (M)
S 11 n-Octacosane	16.342	16.337	0.005	44549		29.3879	948.0 (M)
S 10 C25-36	14.940-18.810			1094076		1193.03	38480 (M)

QC Flag Legend

M - Compound response manually integrated.

Data File: 019F1901.D

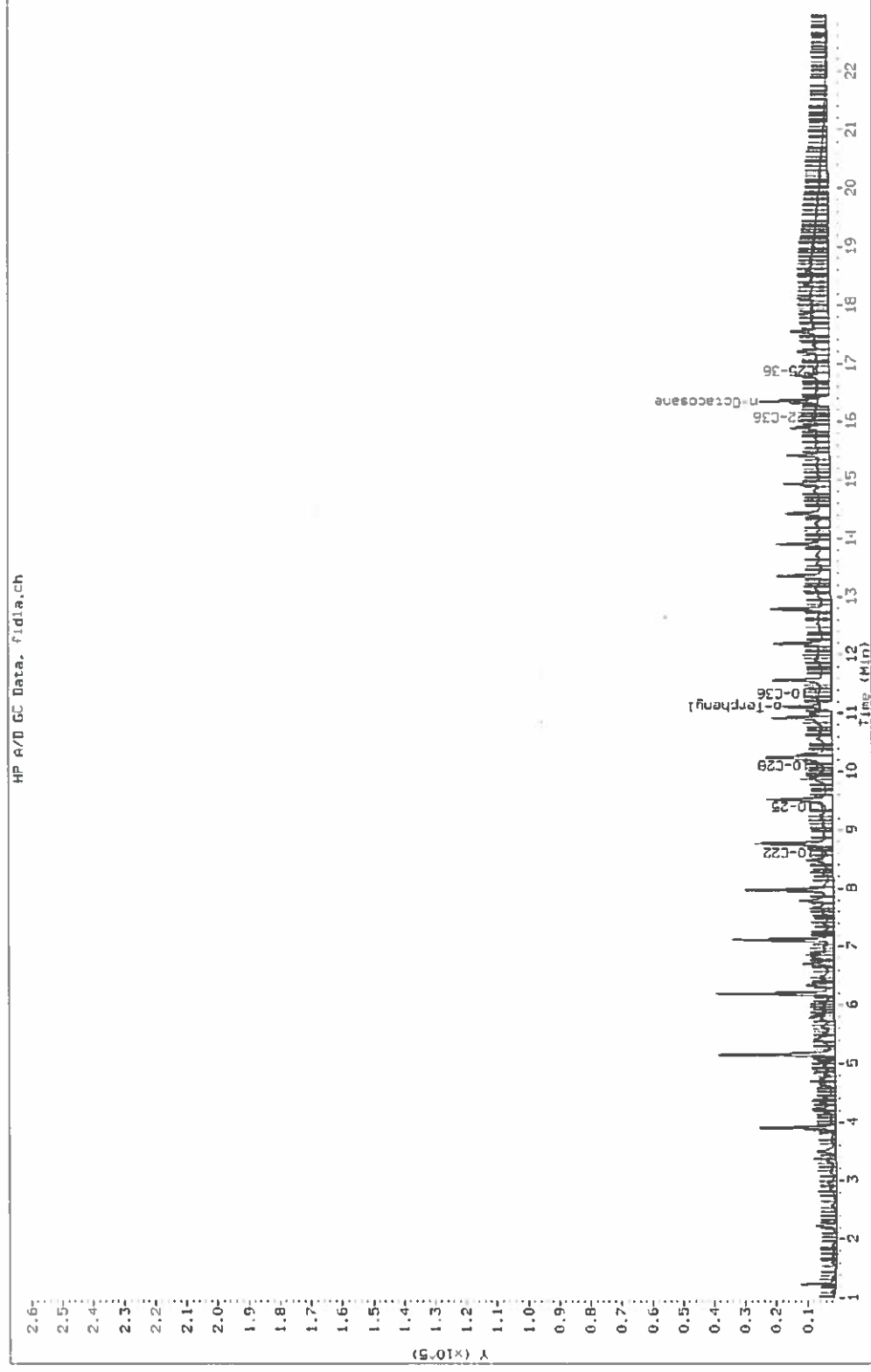
Date: 05-AUG-2011 20:19

Client ID:

Instrument: GC_U2.i

Sample Info: 280-905963,43-1

Operator: MB

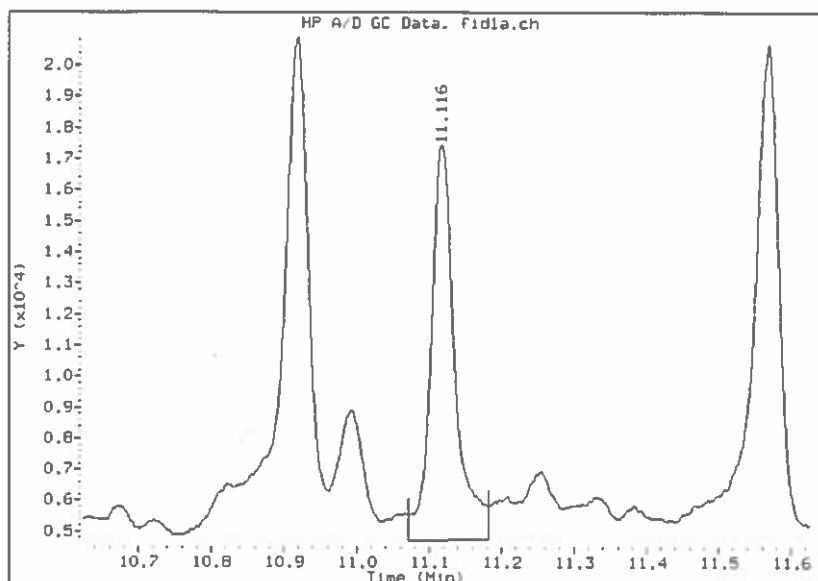


Manual Integration Report

Data File: 019F1901.D
Inj. Date and Time: 05-AUG-2011 20:19
Instrument ID: GC_U2.i
Client ID:
Compound: 1 o-Terphenyl
CAS #: 84-15-1
Report Date: 08/09/2011

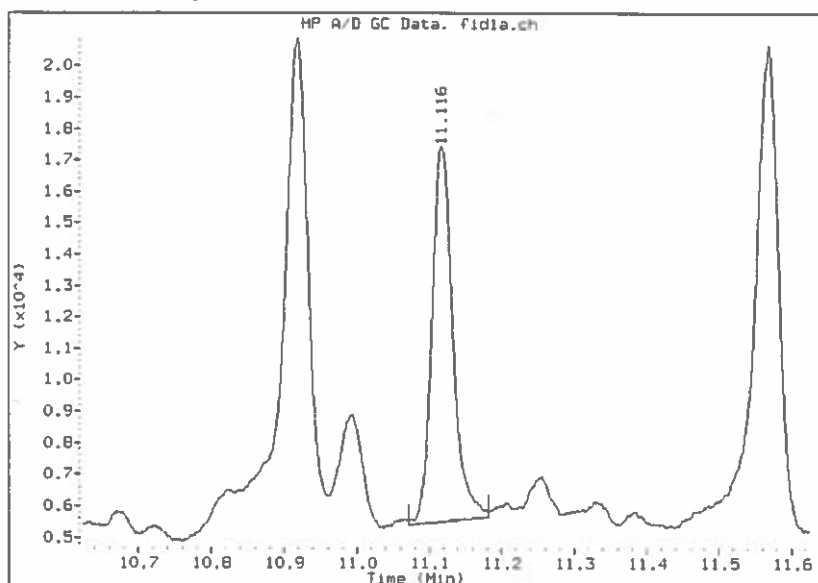
Processing Integration Results

RT: 11.12
Response: 29352
Amount: 16.00
Conc: 516.23



Manual Integration Results

RT: 11.12
Response: 23952
Amount: 13.06
Conc: 421.26



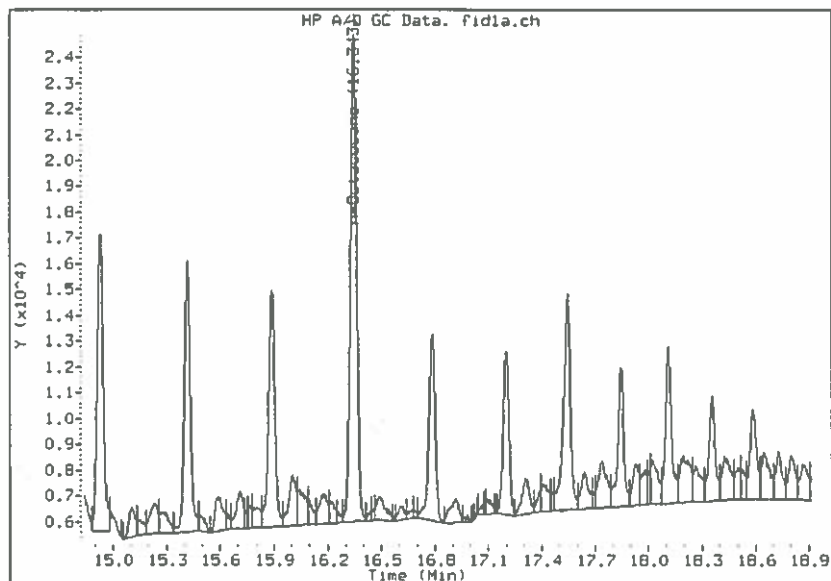
Manually Integrated By: pavlakoa
Modification Date: 09-Aug-2011 10:46
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: 019F1901.D
Inj. Date and Time: 05-AUG-2011 20:19
Instrument ID: GC_U2.i
Client ID:
Compound: 10 C25-36
CAS #: STL00383
Report Date: 08/09/2011

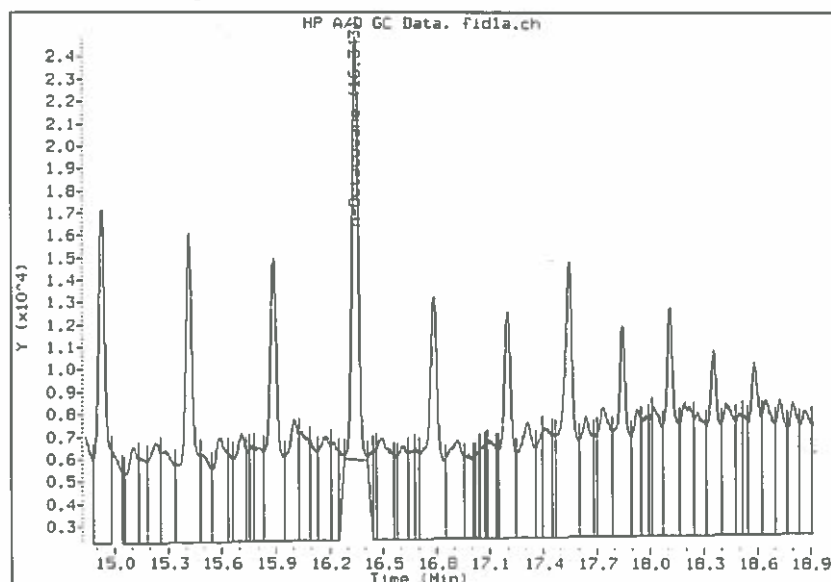
Processing Integration Results

RT: 16.88
Response: 273896
Amount: 298.67
Conc: 9634.44



Manual Integration Results

RT: 16.88
Response: 1094076
Amount: 1193.03
Conc: 38484.73



Manually Integrated By: pavlakoa
Modification Date: 09-Aug-2011 10:46
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB04-25 Lab Sample ID: 280-18743-2
 Matrix: Solid Lab File ID: 020F2001.D
 Analysis Method: 8015B Date Collected: 08/02/2011 09:20
 Extraction Method: 3546 Date Extracted: 08/04/2011 13:20
 Sample wt/vol: 30.6(g) Date Analyzed: 08/05/2011 20:52
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: RTX-1 (30.32) ID: 0.25(mm)
 % Moisture: 17.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80462 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00383	Motor Oil Range Organics (C25-C36)	ND		14	4.7
STL00258	Diesel Range Organics (C10-C25)	6.3		4.8	0.81

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	76		49-115

Data File: \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\020F2001.D
Report Date: 09-Aug-2011 10:48

TestAmerica

SW846 8015 mod.

Data file : \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\020F2001.D
Lab Smp Id: 280-905964
Inj Date : 05-AUG-2011 20:52
Operator : MB
Smp Info : 280-905964,2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\DR01.m
Meth Date : 09-Aug-2011 10:32 pavlakoa Quant Type: ESTD
Cal Date : 11-JUL-2011 20:27 Cal File: 018F1801.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 4.14
Processing Host: DENPC356
Inst ID: GC_U2.i
Compound Sublist: C10-C25-C36.sub

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	Final Volume of Extract (uL)
Ws	30.600	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds					CONCENTRATIONS	
	RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
S 3 C10-C22	3.880-13.370			228662	146.457	4786
S 5 C10-29	3.880-14.940			251252	158.782	5189
S 8 C10-C28	3.880-16.350			264221	166.722	5448
S 1 o-Terphenyl	11.115 11.124	-0.009		28604	15.5954	509.6 (M)
S 9 C10-C36	3.880-18.810			292718	184.299	6023 (M)
S 4 C22-C36	13.370-18.810			64055	51.2266	1674 (M)
S 11 n-Octacosane	16.339 16.337	0.002		23163	15.4246	504.1 (M)
S 10 C25-36	14.940-18.810			41465	45.2152	1478 (M)

QC Flag Legend

M - Compound response manually integrated.

Data File: 020F2001.D

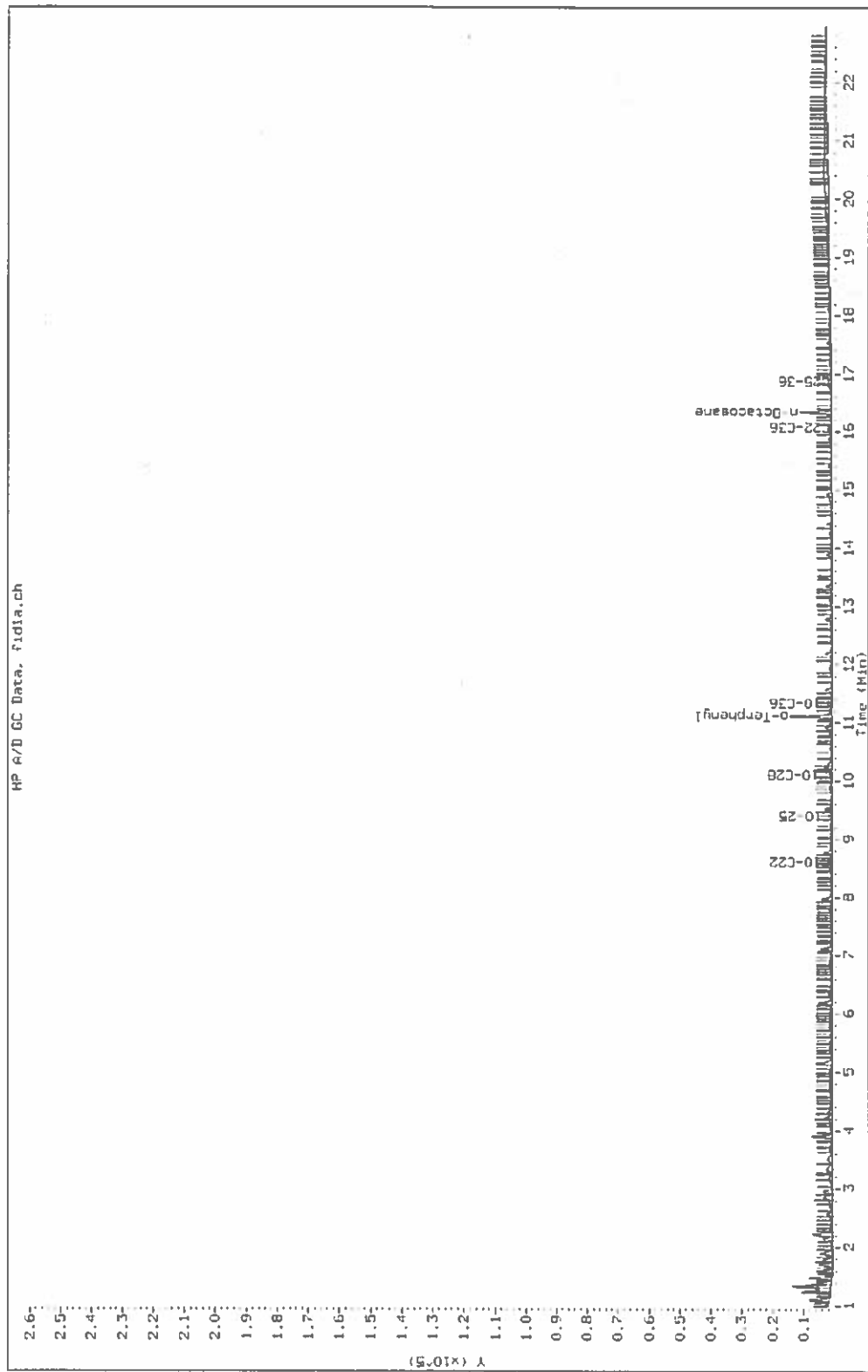
Date: 05-AUG-2011 20:52

Client ID:

Instrument: GC_U2.i

Sample Info: 280-905964,2

Operator: MB

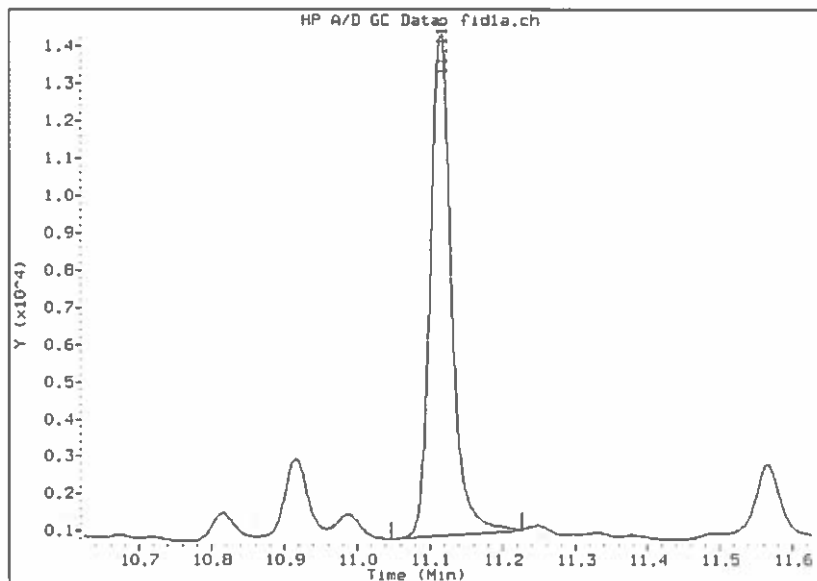


Manual Integration Report

Data File: 020F2001.D
Inj. Date and Time: 05-AUG-2011 20:52
Instrument ID: GC_U2.i
Client ID:
Compound: 1 o-Terphenyl
CAS #: 84-15-1
Report Date: 08/09/2011

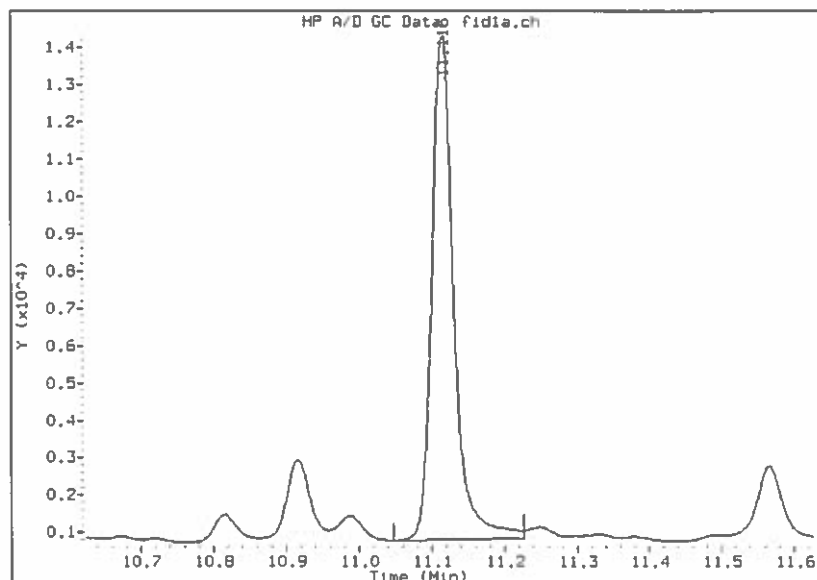
Processing Integration Results

RT: 11.12
Response: 27522
Amount: 15.01
Conc: 490.37



Manual Integration Results

RT: 11.12
Response: 28604
Amount: 15.60
Conc: 509.65



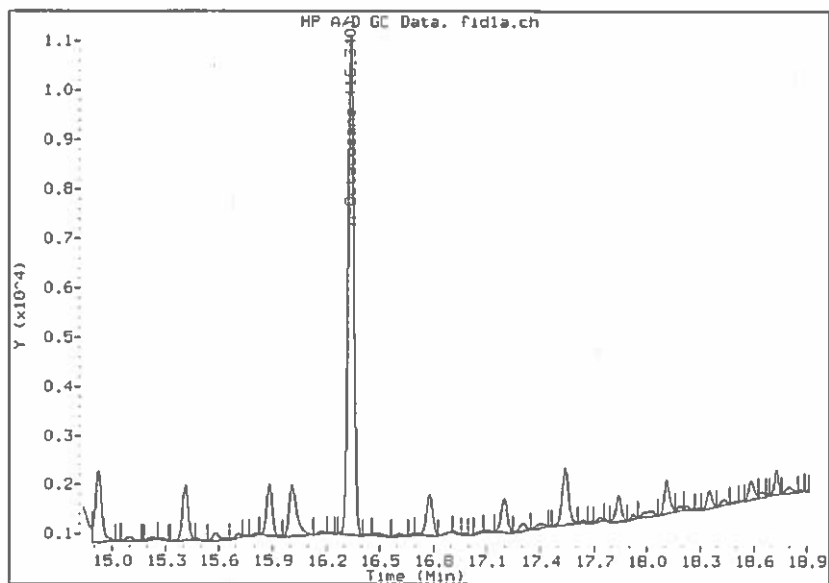
Manually Integrated By: pavlakoa
Modification Date: 09-Aug-2011 10:47
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: 020F2001.D
Inj. Date and Time: 05-AUG-2011 20:52
Instrument ID: GC_U2.1
Client ID:
Compound: 10 C25-36
CAS #: STL00383
Report Date: 08/09/2011

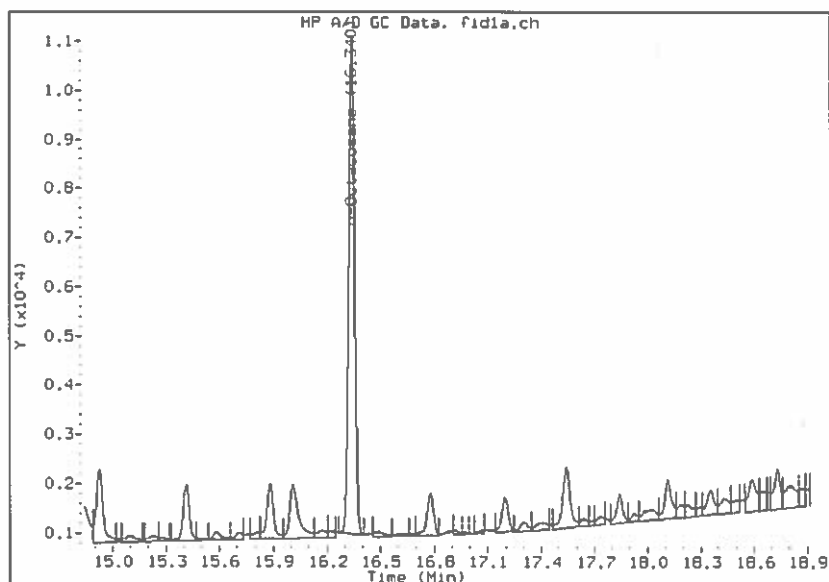
Processing Integration Results

RT: 16.88
Response: 24035
Amount: 26.21
Conc: 856.50



Manual Integration Results

RT: 16.88
Response: 41465
Amount: 45.22
Conc: 1477.62



Manually Integrated By: pavlakoa
Modification Date: 09-Aug-2011 10:48
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB05-10 Lab Sample ID: 280-18743-3
Matrix: Solid Lab File ID: 021F2101.D
Analysis Method: 8015B Date Collected: 08/02/2011 09:50
Extraction Method: 3546 Date Extracted: 08/04/2011 13:20
Sample wt/vol: 31.1(g) Date Analyzed: 08/05/2011 21:25
Con. Extract Vol.: 1000(uL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: RTX-1 (30.32) ID: 0.25(mm)
% Moisture: 7.2 GPC Cleanup: (Y/N) N
Analysis Batch No.: 80462 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00383	Motor Oil Range Organics (C25-C36)	ND		12	4.1
STL00258	Diesel Range Organics [C10-C25]	ND		4.2	0.71

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	56		49-115

Data File: \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\021F2101.D
Report Date: 09-Aug-2011 10:48

TestAmerica

SW846 8015 mod.

Data file : \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\021F2101.D
Lab Smp Id: 280-905965
Inj Date : 05-AUG-2011 21:25
Operator : MB Inst ID: GC_U2.i
Smp Info : 280-905965,3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\DR01.m
Meth Date : 09-Aug-2011 10:32 pavlakoa Quant Type: ESTD
Cal Date : 11-JUL-2011 20:27 Cal File: 018F1801.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: C10-C25-C36.sub
Target Version: 4.14
Processing Host: DENPC356

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	Final Volume of Extract (uL)
Ws	31.100	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
		RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN	FINAL
						(ug/ml)	(ug/Kg)
Compounds							
S	3 C10-C22	3.880-13.370			10212	6.54075	210.3
S	5 C10-25	3.880-14.940			17011	10.7504	345.7
S	8 C10-C28	3.880-16.350			25947	16.3724	526.4
\$	1 o-Terphenyl	11.112	11.124	-0.012	20376	11.1093	357.2
S	9 C10-C36	3.880-18.810			40596	25.5597	821.8 (M)
\$	4 C22-C36	13.370-18.810			30383	24.2981	781.3 (M)
\$	11 n-Octacosane	16.338	16.337	0.001	17386	11.6526	374.7
S	10 C25-36	14.940-18.810			23584	25.7170	826.9 (M)

QC Flag Legend

M - Compound response manually integrated.

Data File: 021F2101.D

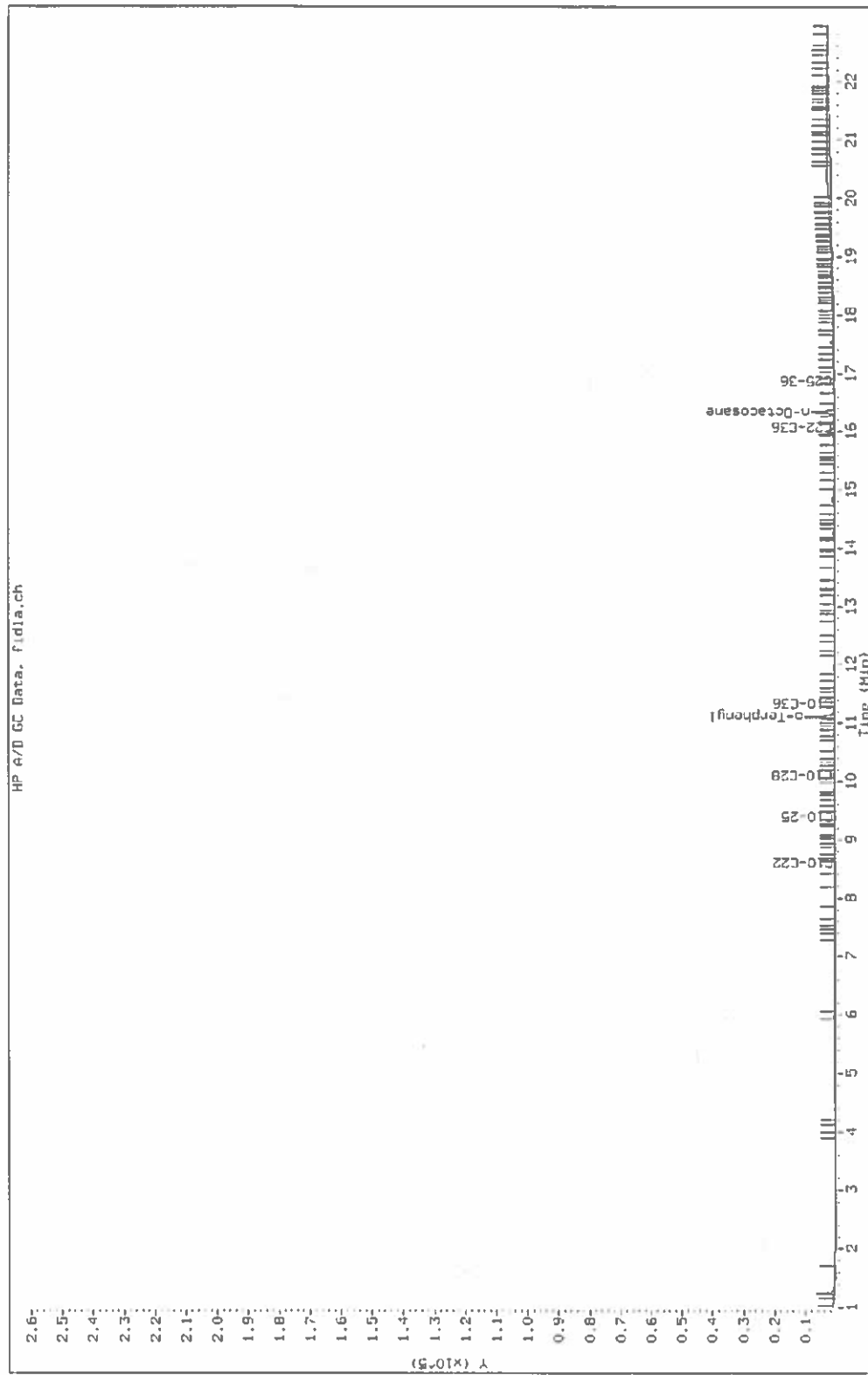
Date: 05-AUG-2011 21:25

Client ID:

Instrument: GC_U2.i

Sample Info: 280-905965,3

Operator: MB

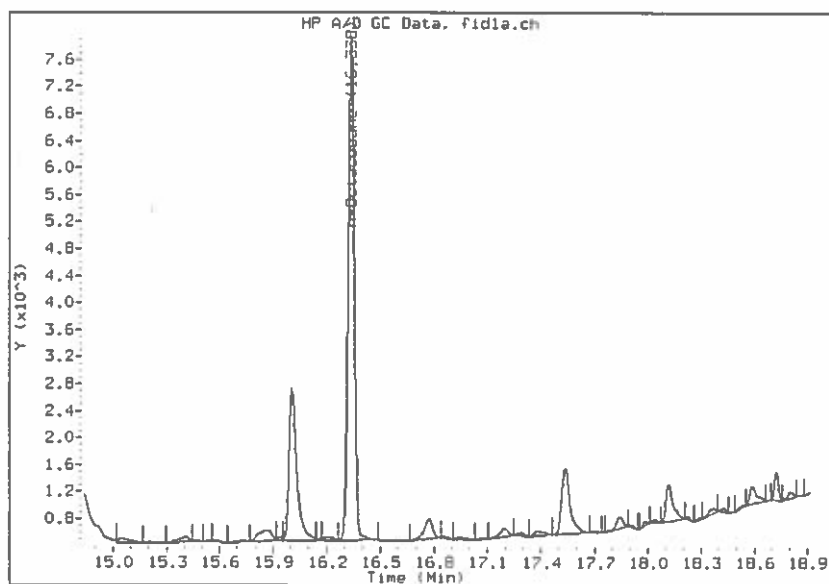


Manual Integration Report

Data File: 021F2101.D
Inj. Date and Time: 05-AUG-2011 21:25
Instrument ID: GC_U2.i
Client ID:
Compound: 10 C25-36
CAS #: STL00383
Report Date: 08/09/2011

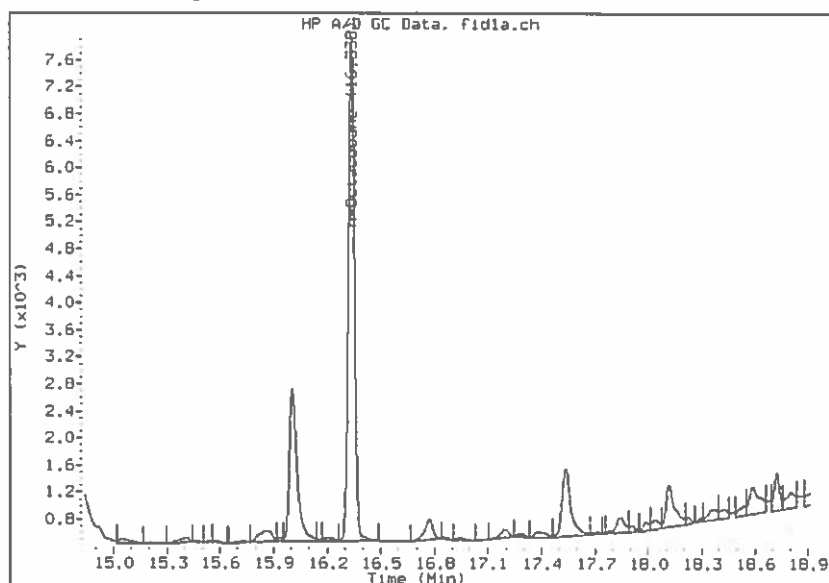
Processing Integration Results

RT: 16.88
Response: 18392
Amount: 20.06
Conc: 644.87



Manual Integration Results

RT: 16.88
Response: 23584
Amount: 25.72
Conc: 826.91



Manually Integrated By: pavlakoa
Modification Date: 09-Aug-2011 10:48
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
SDG No.: _____
Client Sample ID: SB06-10 Lab Sample ID: 280-18743-4
Matrix: Solid Lab File ID: 022F2201.D
Analysis Method: 8015B Date Collected: 08/02/2011 10:08
Extraction Method: 3546 Date Extracted: 08/04/2011 13:20
Sample wt/vol: 31.2(g) Date Analyzed: 08/05/2011 21:58
Con. Extract Vol.: 1000(uL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: RTX-1 (30.32) ID: 0.25(mm)
% Moisture: 7.6 GPC Cleanup: (Y/N) N
Analysis Batch No.: 80462 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00383	Motor Oil Range Organics (C25-C36)	220		12	4.1
STL00258	Diesel Range Organics [C10-C25]	79		4.2	0.71

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		49-115

Data File: \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\022F2201.D
Report Date: 09-Aug-2011 10:49

TestAmerica

SW846 8015 mod.

Data file : \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\022F2201.D
Lab Smp Id: 280-905966
Inj Date : 05-AUG-2011 21:58
Operator : MB Inst ID: GC_U2.i
Smp Info : 280-905966,4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\DR01.m
Meth Date : 09-Aug-2011 10:32 pavlakoa Quant Type: ESTD
Cal Date : 11-JUL-2011 20:27 Cal File: 018F1801.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: C10-C25-C36.sub
Target Version: 4.14
Processing Host: DENPC356

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	Final Volume of Extract (uL)
Ws	31.200	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds						CONCENTRATIONS	
	RT	EXP RT	DLT RT	RESPONSE		ON-COLUMN (ug/ml)	FINAL (ug/Kg)
S 3 C10-C22	3.880-13.370			2454732		1572.25	50390
S 5 C10-25	3.880-14.940			3589778		2268.61	72710
S 8 C10-C28	3.880-16.350			4948261		3122.33	100100
S 1 o-Terphenyl	11.116 11.124	-0.008		24781		13.5110	433.0 (M)
S 9 C10-C36	3.880-18.810			9363194		5895.18	188900 (M)
S 4 C22-C36	13.370-18.810			6908462		5524.89	177100 (M)
S 11 n-Octacosane	16.365 16.337	0.028		61750		40.6187	1302 (RM)
S 10 C25-36	14.940-18.810			5773416		6295.58	201800 (M)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: 022F2201.D

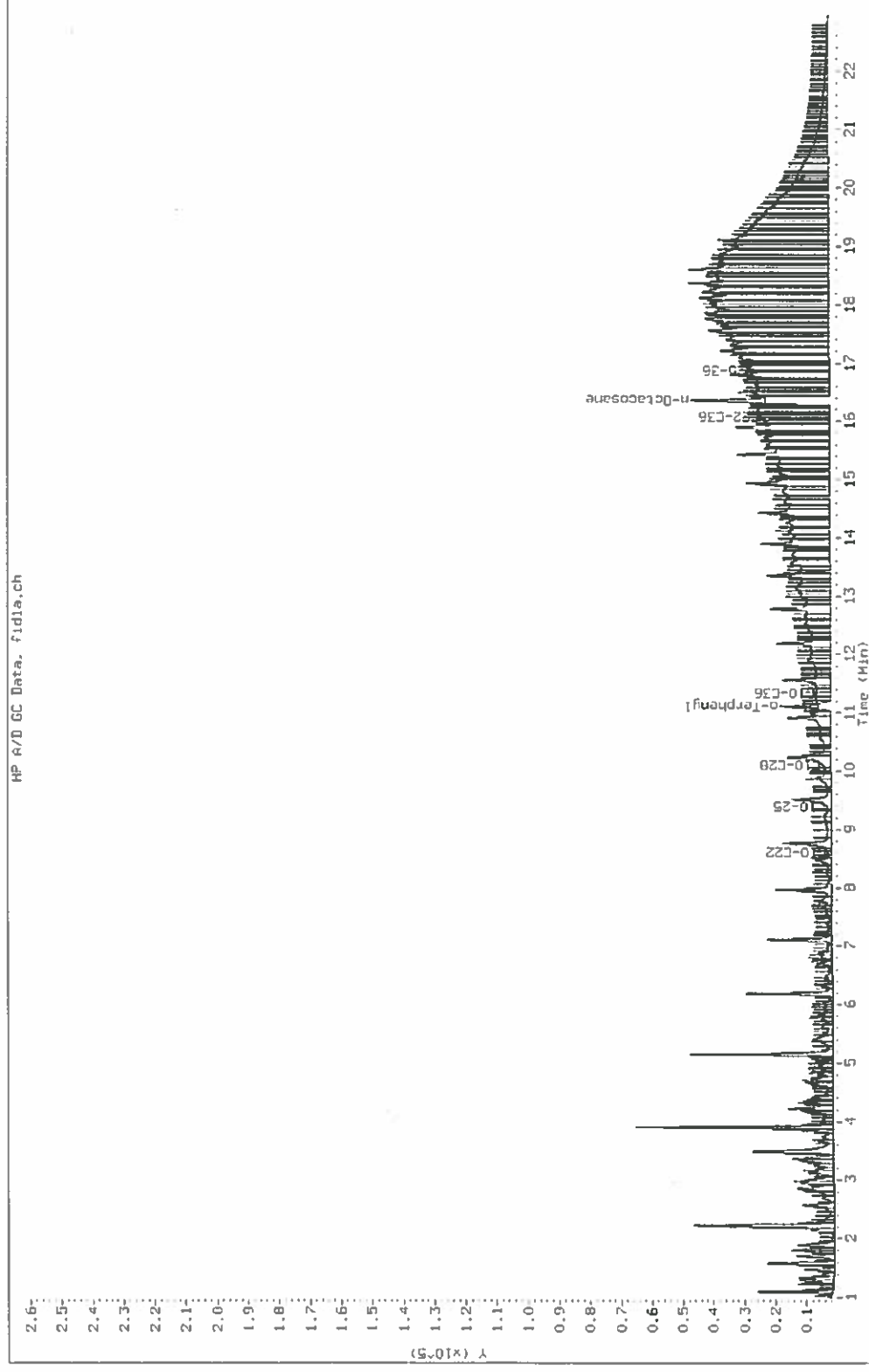
Date: 05-AUG-2011 21:58

Client ID:

Instrument: GC_U2.i

Sample Info: 280-905966,4

Operator: MB

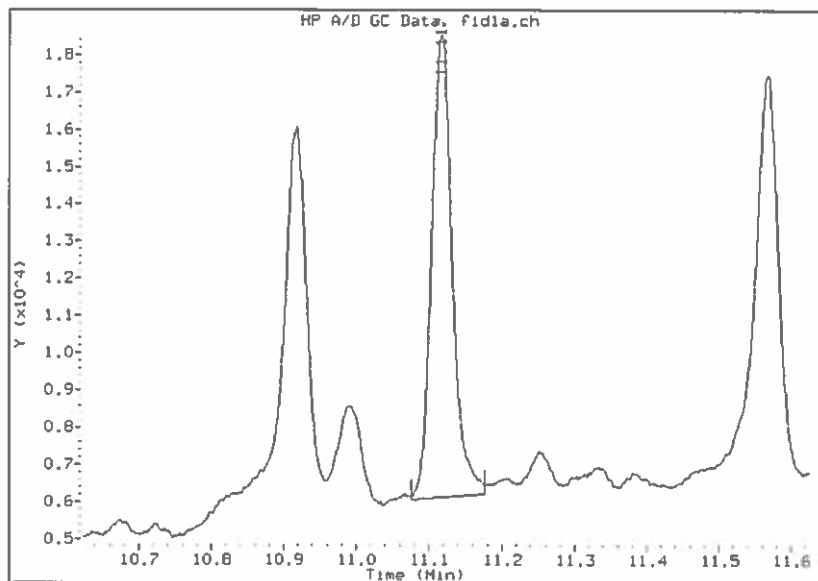


Manual Integration Report

Data File: 022F2201.D
Inj. Date and Time: 05-AUG-2011 21:58
Instrument ID: GC_U2.i
Client ID:
Compound: 1 o-Terphenyl
CAS #: 84-15-1
Report Date: 08/09/2011

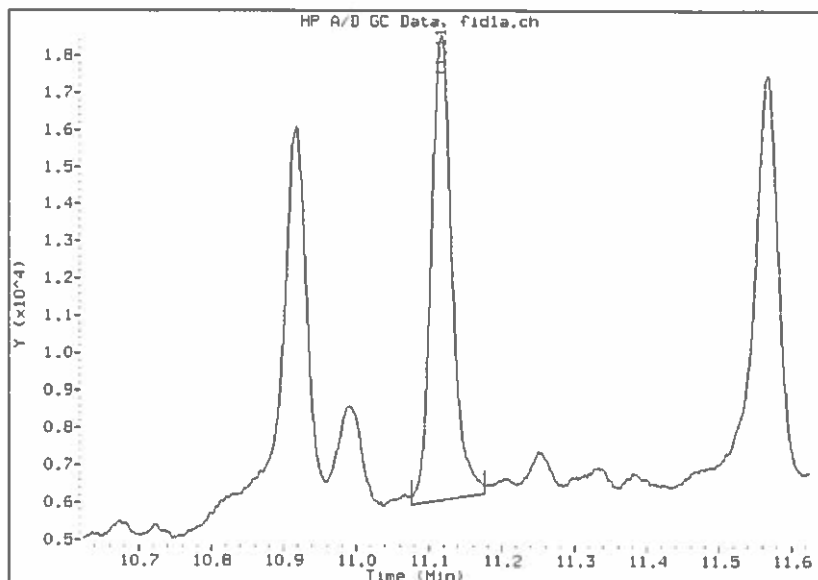
Processing Integration Results

RT: 11.12
Response: 24538
Amount: 13.38
Conc: 428.80



Manual Integration Results

RT: 11.12
Response: 24781
Amount: 13.51
Conc: 433.05



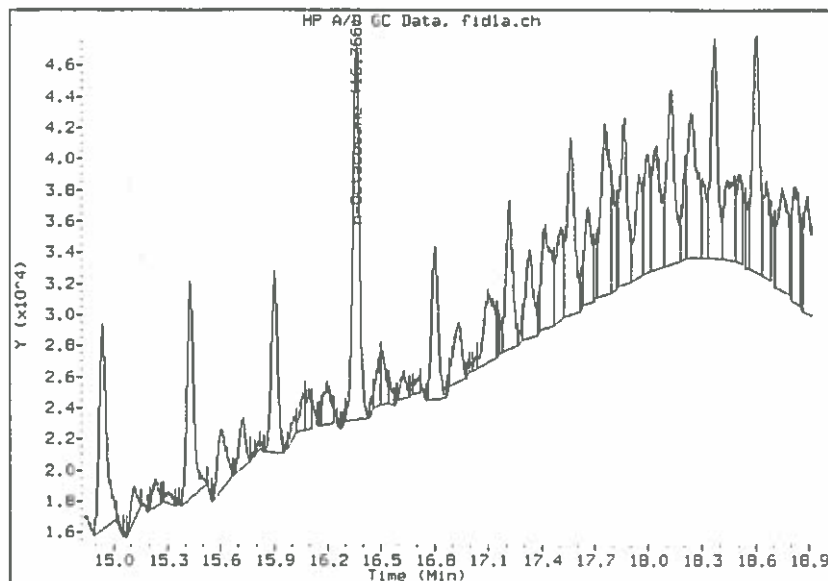
Manually Integrated By: pavlakoa
Modification Date: 09-Aug-2011 10:49
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: 022F2201.D
Inj. Date and Time: 05-AUG-2011 21:58
Instrument ID: GC_U2.i
Client ID:
Compound: 10 C25-36
CAS #: STL00383
Report Date: 08/09/2011

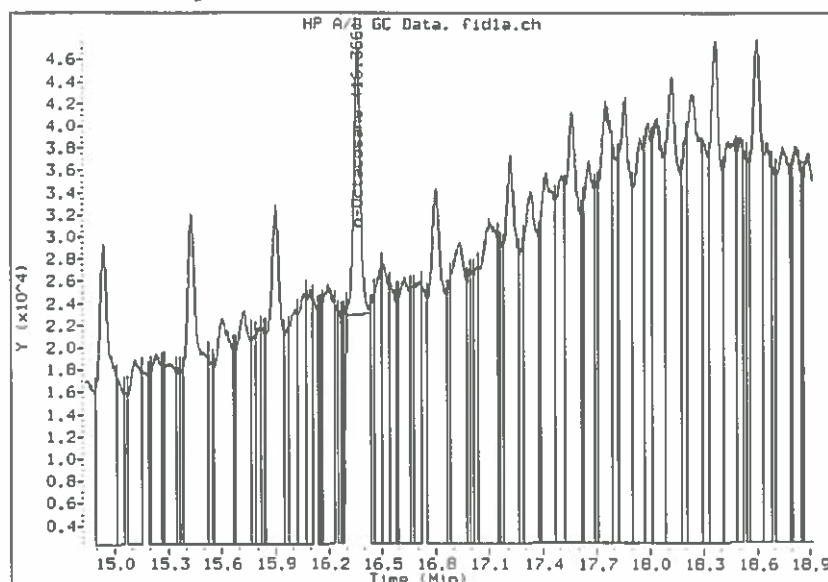
Processing Integration Results

RT: 16.88
Response: 736135
Amount: 802.71
Conc: 25727.97



Manual Integration Results

RT: 16.88
Response: 5773416
Amount: 6295.58
Conc: 201781.31



Manually Integrated By: pavlakoa
Modification Date: 09-Aug-2011 10:49
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1
 SDG No.: _____
 Client Sample ID: SB06-20 Lab Sample ID: 280-18743-5
 Matrix: Solid Lab File ID: 012B1201.D
 Analysis Method: 8015B Date Collected: 08/02/2011 10:30
 Extraction Method: 3546 Date Extracted: 08/05/2011 10:07
 Sample wt/vol: 30.3(g) Date Analyzed: 08/08/2011 18:15
 Con. Extract Vol.: 1000(uL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: RTX-1 (30.32) ID: 0.25 (mm)
 % Moisture: 18.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 80540 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00383	Motor Oil Range Organics (C25-C36)	ND		15	4.8
STL00258	Diesel Range Organics [C10-C25]	ND		4.9	0.83

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		49-115

Data File: \\DenSvr03\Public\chem\GCS\GC_U.i\080811b1.B\012B1201.D
Report Date: 09-Aug-2011 16:05

TestAmerica

SW846 8015 mod.

Data file : \\DenSvr03\Public\chem\GCS\GC_U.i\080811b1.B\012B1201.D
Lab Smp Id: 280-18743-A-5-D Client Smp ID: SB06-20
Inj Date : 08-AUG-2011 18:15
Operator : MB Inst ID: GC_U.i
Smp Info : 280-908364,743-5
Misc Info : 280-18743-A-5-D
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_U.i\080811b1.B\DR01.m
Meth Date : 09-Aug-2011 16:05 pavlakoa Quant Type: ESTD
Cal Date : 14-JUL-2011 02:12 Cal File: 015B1501.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: C10-C25-C36.sub
Target Version: 4.14
Processing Host: DENPC356

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	Final Volume of Extract (uL)
Ws	30.300	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/ml)	(ug/Kg)
S 178 C10-25	1.020-7.030			88341	34.5926	1142
S 3 C10-C28	1.020-7.650			119387	46.7038	1541
S 4 C10 - C36	1.020-9.090			158446	61.7692	2038 (M)
S 1 o-Terphenyl	5.390	5.400	-0.010	47845	13.8649	457.6 (M)
S 6 n-Octacosane	7.643	7.646	-0.003	48194	17.9832	593.5 (M)
S 180 C25-36	7.030-9.090			70105	37.9091	1251 (M)

QC Flag Legend

M - Compound response manually integrated.

Data File: 012B1201.D

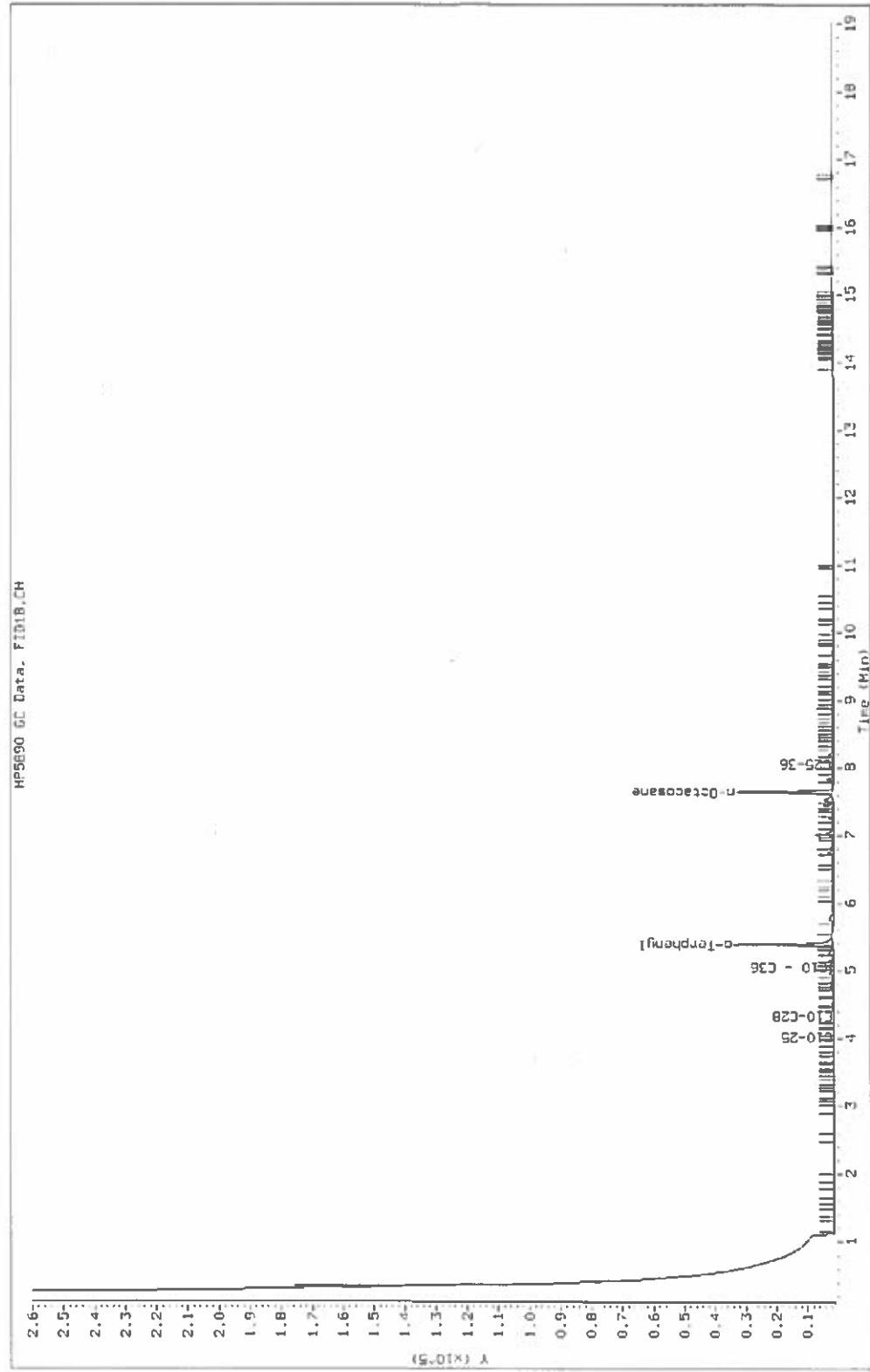
Date: 08-AUG-2011 18:15

Client ID: SB06-20

Sample Info: 280-908364,743-5

Instrument: GC_U.i

Operator: MB

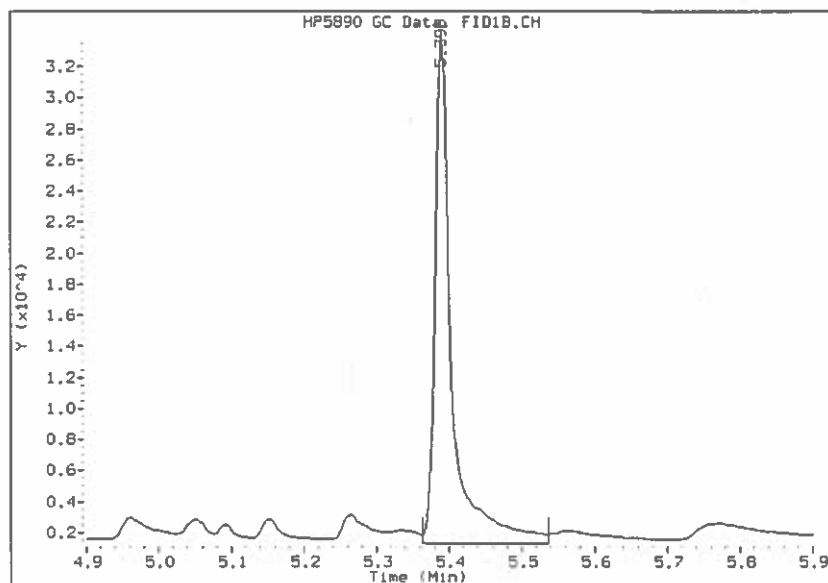


Manual Integration Report

Data File: 012B1201.D
Inj. Date and Time: 08-AUG-2011 18:15
Instrument ID: GC U.i
Client ID: SB06-20
Compound: 1 o-Terphenyl
CAS #: 84-15-1
Report Date: 08/09/2011

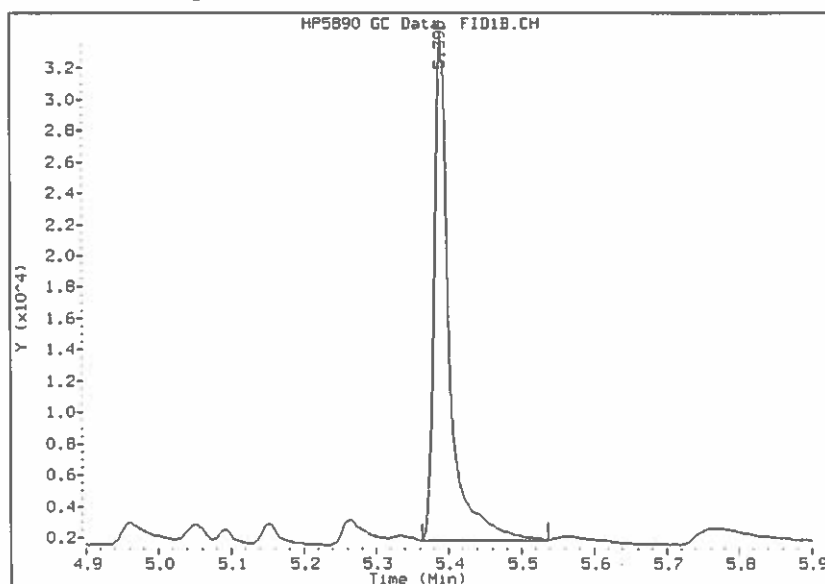
Processing Integration Results

RT: 5.39
Response: 53048
Amount: 15.37
Conc: 507.35



Manual Integration Results

RT: 5.39
Response: 47845
Amount: 13.86
Conc: 457.59



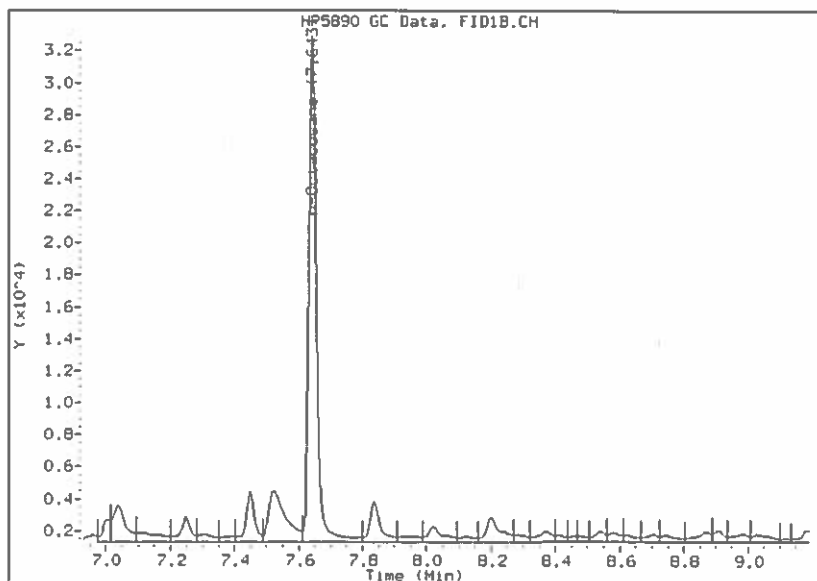
Manually Integrated By: pavlakoa
Modification Date: 09-Aug-2011 08:58
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: 012B1201.D
Inj. Date and Time: 08-AUG-2011 18:15
Instrument ID: GC U.i
Client ID: SB06-20
Compound: 180 C25-36
CAS #: STL00383
Report Date: 08/09/2011

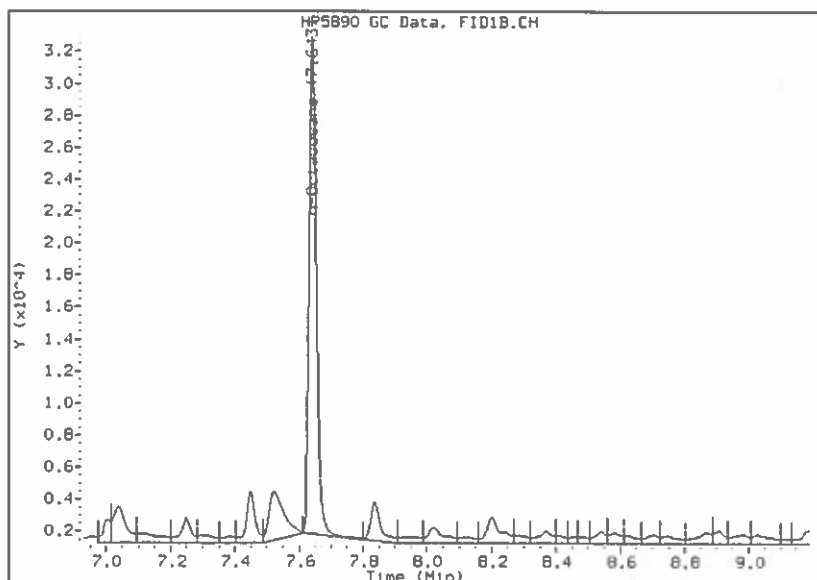
Processing Integration Results

RT: 8.06
Response: 68391
Amount: 36.98
Conc: 1220.54



Manual Integration Results

RT: 8.06
Response: 70105
Amount: 37.91
Conc: 1251.12



Manually Integrated By: pavlakoa
Modification Date: 09-Aug-2011 08:59
Manual Integration Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-18743-1

SDG No.: _____

Client Sample ID: SB07-10 Lab Sample ID: 280-18743-6

Matrix: Solid Lab File ID: 025F2501.D

Analysis Method: 8015B Date Collected: 08/02/2011 11:10

Extraction Method: 3546 Date Extracted: 08/04/2011 13:20

Sample wt/vol: 32.3(g) Date Analyzed: 08/05/2011 23:36

Con. Extract Vol.: 1000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: RTX-1 (30.32) ID: 0.25(mm)

% Moisture: 7.6 GPC Cleanup: (Y/N) N

Analysis Batch No.: 80462 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00383	Motor Oil Range Organics (C25-C36)	ND		12	3.9
STL00258	Diesel Range Organics [C10-C25]	ND		4.0	0.68

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		49-115

Data File: \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\025F2501.D
Report Date: 09-Aug-2011 10:52

TestAmerica

SW846 8015 mod.

Data file : \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\025F2501.D
Lab Smp Id: 280-905970
Inj Date : 05-AUG-2011 23:36
Operator : MB
Smp Info : 280-905970,6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_U2.i\0805111.B\DR01.m
Meth Date : 09-Aug-2011 10:32 pavlakoa Quant Type: ESTD
Cal Date : 11-JUL-2011 20:27 Cal File: 018F1801.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 4.14
Processing Host: DENPC356
Inst ID: GC_U2.i
Compound Sublist: C10-C25-C36.sub

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

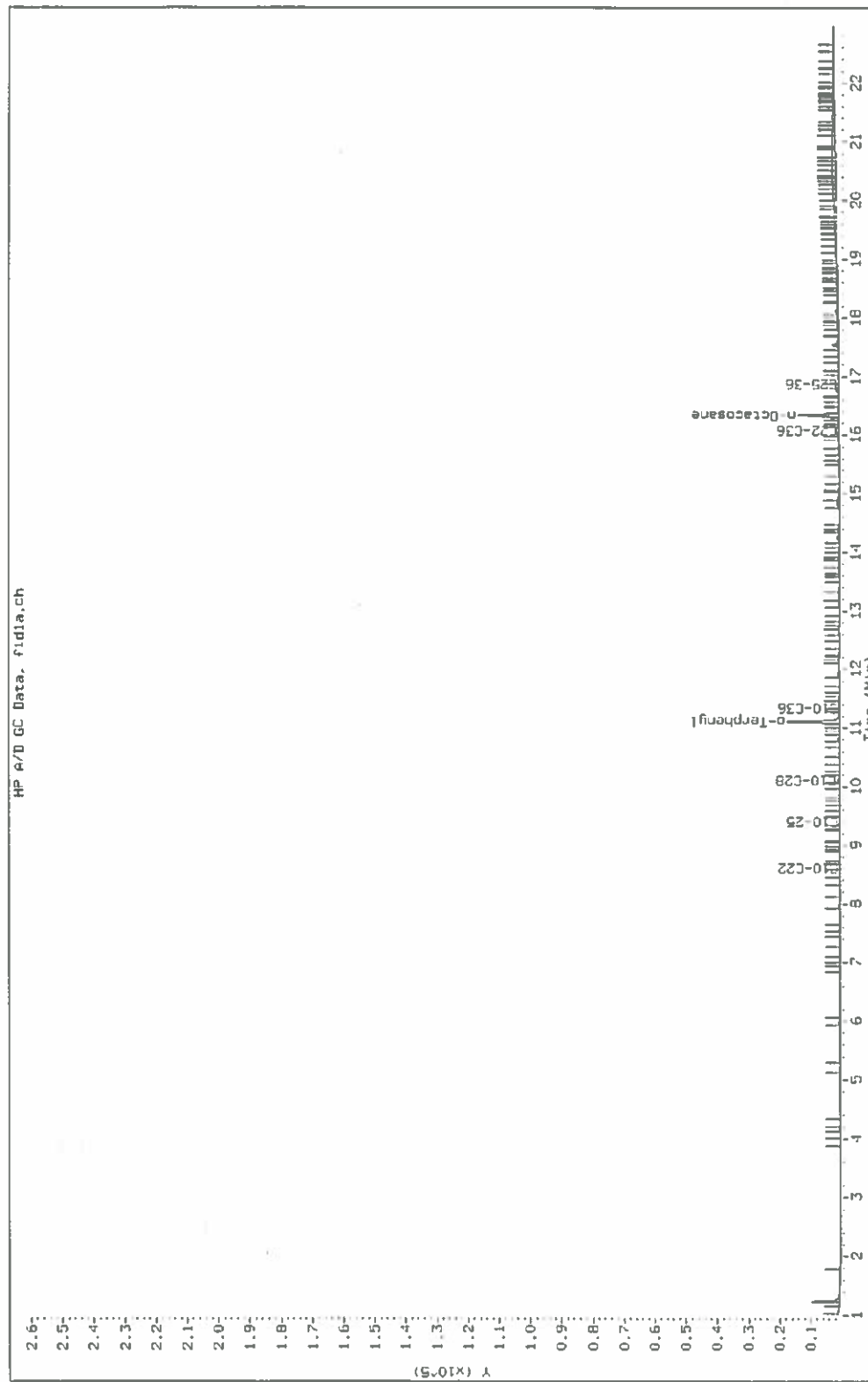
Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	Final Volume of Extract (uL)
Ws	32.300	Weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
		RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN	FINAL
Compounds						(ug/ml)	(ug/Kg)
S	3 C10-C22	3.880-13.370			13088	8.38281	259.5
S	5 C10-25	3.880-14.940			20688	13.0741	404.8
S	8 C10-C28	3.880-16.350			24917	15.7225	486.8
S	1 o-Terphenyl	11.112	11.124	-0.012	34426	18.7697	581.1
S	9 C10-C36	3.880-18.810			45901	28.8998	894.7 (M)
S	4 C22-C36	13.370-18.810			32812	26.2407	812.4 (M)
S	11 n-Octacosane	16.336	16.337	-0.001	31588	20.9254	647.8
S	10 C25-36	14.940-18.810			25212	27.4922	851.2 (M)

QC Flag Legend

M - Compound response manually integrated.

Operator: MB

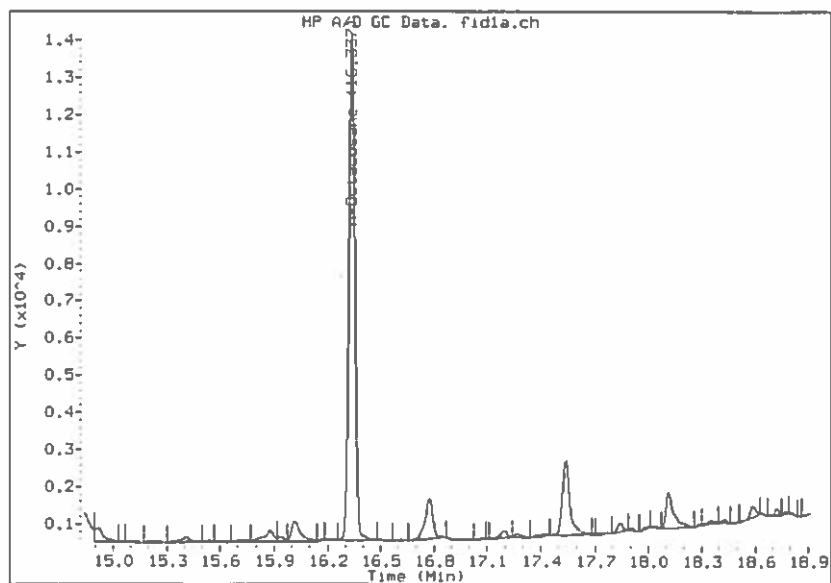


Manual Integration Report

Data File: 025F2501.D
Inj. Date and Time: 05-AUG-2011 23:36
Instrument ID: GC_U2.i
Client ID:
Compound: 10 C25-36
CAS #: STL00383
Report Date: 08/09/2011

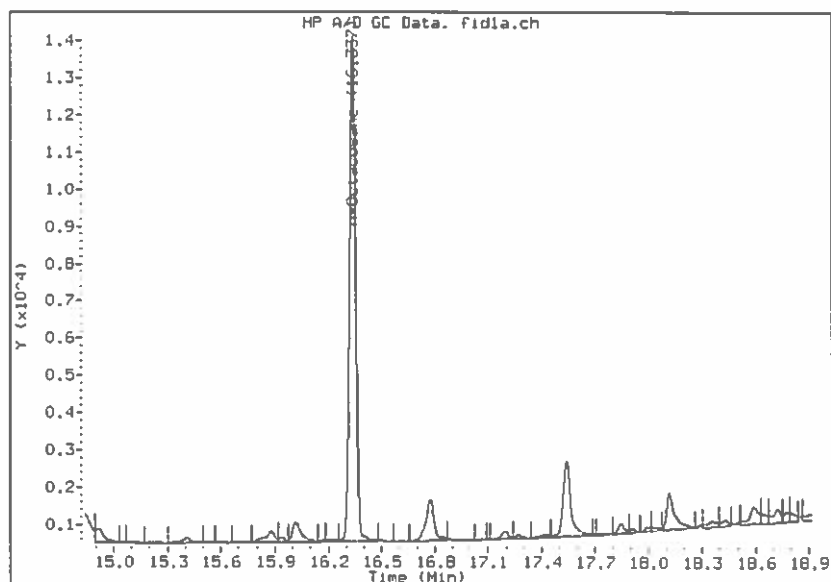
Processing Integration Results

RT: 16.88
Response: 19414
Amount: 21.17
Conc: 655.41



Manual Integration Results

RT: 16.88
Response: 25212
Amount: 27.49
Conc: 851.15



Manually Integrated By: pavlakoa
Modification Date: 09-Aug-2011 10:51
Manual Integration Reason: Baseline Event

Shipping and Receiving Documents

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Sampler ID _____
Temperature on Receipt 3.1°C 27
02/23/11
Drinking Water? Yes ☐ No ☒

TAL-4124-260 (0508)

Client COGCC Project Manager SEAN LINDBLUM Date 8/2/11 Chain of Custody Number 122800
Address 1120 LINCOLN STREET 601 Telephone Number (Area Code)/Fax Number (303) 844-2100 x5114 Lab Number _____ Page _____ of _____
City DENVER State CO Zip Code 80203 Site Contact SEAN LINDBLUM Lab Contact _____

Project Name and Location (State) NEW DENVER RAYMER GAS PLANT Carrier/Waybill Number _____
Contract/Purchase Order/Quote No. _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt
			Air	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc	HON		
SB04-15	8/2/11	0900			X	X							7 82605	
SB04-25		0970											7 82605	
SB05-10		0950											7 82605	
SB06-10		1008											7 82605	
SB06-20		1030											7 82605	
SB07-10		1110											7 82605	

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD

1. Relinquished By Sean Lindblum Date 8/4/11 Time 1003
2. Relinquished By Sean Lindblum Date 8/2/11 Time 1805
3. Relinquished By _____ Date _____ Time _____

1. Received By Adam Walbran Date 8/2/11 Time 1805
2. Received By _____ Date _____ Time _____
3. Received By _____ Date _____ Time _____

Comments _____

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: Colorado Oil&Gas Conservation Commision

Job Number: 280-18743-1

Login Number: 18743

List Source: TestAmerica Denver

List Number: 1

Creator: Alban, Adam W

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	