ASSOCIATES INC.

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September 9, 2011

Grant Zoldowski
United Rentals, Inc.
791 East 64th Avenue
Denver, Colorado 80229
Phone: (303) 286-0830
Fax: (888) 857-9762

via Email: gzoldows@ur.com

RE: Limited Phase II Environmental Site Assessment
Proposed United Rentals Lease Site
12488 Xenwood Avenue South
Savage, Minnesota 55378
ATC Project # 22.75502.0004

Dear Mr. Zoldowski:

ATC Associates Inc. (ATC) is pleased to present this report to United Rentals, Inc. (UR) for limited Phase II environmental site assessment (ESA) activities at the property located at 12488 Xenwood Avenue South, Savage, Minnesota (the "Site").

BACKGROUND INFORMATION

In June 2011, ATC conducted a Phase I ESA of the Site, as documented in the Phase I ESA Report dated July 28, 2011. The Site has been used as a light-industrial, multi-tenant warehouse and storage yard facility since 1968. The building is subdivided into several separate sub-lease spaces that are currently occupied by Outdoor Environments (a landscaping company), Leland Automotive Services (auto service shop), 1-800 Got-Junk (waste hauler company), and Elite Towing (vehicle towing company).

The Phase I ESA identified the following *recognized environmental conditions* and *deminimis conditions*:

1. Outdoor Environments, one of the tenants in the building on the Site, was identified twice as a SPILLS site in the EDR database report. On March 8, 2007, a spill of used oil at the Site was reported to the Minnesota Pollution Control Agency (MPCA). According to the EDR database report, a caller from the Site indicated that a welding explosion in the building resulted in the rupture of an oil drum that released approximately 30 gallons of used oil onto the building floor. The caller reported that the business was looking for a local contractor to conduct the cleanup. The MPCA indicated that the spill response was completed and closed the spill site file on the same day of March 8, 2007. It should be noted that the MPCA will close spill files on the anticipated clean up and won't actually require follow-up to document

that it actually happened. On May 23, 2007, a spill of fuel at the Site was reported to the MPCA. According to the regulatory database report, Joan Anderson with Scott County Environmental Health was on-Site concerning the occupant's license for waste oil handling, noticed fuel staining around AST dispensers, and suggested that the Site occupant should call the MPCA to report a spill. The MPCA indicated that the spill response was completed and closed the spill site file on July 4, 2007. ATC observed fuel staining on the exposed ground surface in the area of the AST dispensers on the day of the Phase I ESA site visit. Based on visual observations during the site reconnaissance and history of SPILLS listings, the observed staining around the ASTs is considered a *recognized environmental condition* to the Site.

2. According to a previous environmental assessment, conducted in 1986 by Twin City Testing, a steel, 10,000-gallon underground storage tank (UST) containing diesel fuel and a steel, 1,000-gallon UST containing an unknown fuel were previously located on the Site. The installation dates of the USTs are unknown; however, the USTs were reportedly removed in 1986. The previous assessment consisted of advancing five soil borings. Three borings were advanced in the area of the former 10,000-gallon UST on the south side of the building, one was advanced in the area of hydraulic oil drum storage near the northwest corner of the building and one boring was advanced on the north side of the building near the 1,000-gallon UST. Field screening during the drilling indicated that visual and olfactory indications of petroleum contamination were present in two of the soil borings advanced near the 10,000-gallon diesel UST. Soil samples collected during the advancement of the borings were submitted for laboratory analysis of diesel fuel constituents and hydraulic fluid. The analyzed parameters were not detected in the laboratory analysis. Based on the lack of laboratory verification of contamination, the field screening evidence of petroleum contamination would be considered a *deminimis condition* to the Site.

3. ATC observed two parts washers, several motor oil ASTs, a transmission fluid AST, paint cans, several 55-gallon drums of used oil and used oil filters, fuel ASTs, fertilizer, pesticides, and herbicides on the Site at the time of the site visit. No significant staining was observed beneath the containers, with the exception of fuel staining on the ground surface near the outdoor ASTs and truck ASTs. The staining around the fueling ASTs is considered a *recognized environmental condition* to the Site. Based on the presence of minimal fuel staining around truck ASTs and various other chemical containers, the storage of chemicals would be considered a *deminimis condition* to the Site.

4. ASTs are located outside within the storage yard just north of the building. The current exterior ASTs include one 1,000-gallon diesel; one 1,000-gallon gasoline; and one 500-gallon mixed gasoline. The two 1,000-gallon ASTs are double-walled steel construction, while the 500-gallon AST appears to be a single-walled steel tank. According to Mr. Hugh Kramber (Outdoor Environments), these ASTs have been located at this spot since 2004 and are used for fleet fueling. ATC observed apparent fuel staining on the exposed ground surface under these ASTs. Mr. Kramber reported that they have not lost fuel, but apparently, minor spills have taken place during fueling. Based on the presence of visible spillage and historical SPILLS listing on the Site, as discussed in Item #1 above, the ASTs in the storage yard are considered to represent a *recognized environmental condition* to the Site.

5. ATC observed several 55-gallon drums and smaller containers of motor oil and used oil on

the Site. The majority of these containers were located within the warehouse on the concrete floor. ATC observed multiple areas inside of the building where motor oil had leaked or spilled onto the concrete floor. The areas were small in size and were generally covered with an absorbent material. No significant cracking was observed in the concrete floor in the vicinity of the staining. Based on the small amount of oil spilled, the structural integrity of the concrete slab, and efforts to absorb the oil with an absorbent material, the areas of spilled oil are considered a *de minimis* condition to the Site.

6. ATC notes that former oil spills may have entered the trench floor drain within the building. According to Mr. Kramber (Landlord, Outdoor Environments), the floor drains are routed through two oil/water separators (OWS), prior to being discharged into the municipal sanitary sewer system. Mr. Kramber indicated that the oil/water separators are serviced on an as needed basis or annually. Based on the long-term industrial use (since 1968) of the Site, the OWS are considered to represent a *recognized environmental condition* to the Site, because of potential corrosion of equipment and leaks of potential contaminants into the subsurface.

Based on information collected from the Phase I ESA, ATC recommended the following:

- A subsurface assessment should be conducted to collect soil samples for laboratory analysis in the area of the outdoor ASTs, outdoor chemical storage, and in the vicinity of the oil/water separators.
- Due to the potential for residual petroleum contamination in the vicinity of the former 10,000-gallon diesel fuel UST, a soil handling and contingency plan should be prepared in the event that subsurface disturbance of soils is planned in this area.
- All buckets, containers, drums, and/or inactive ASTs containing potentially hazardous or regulated materials should be characterized and properly disposed of in accordance with federal, state, and local regulations.
- Areas of oil spillage on the floor within the building should be cleaned up.
- Non-hazardous solid waste piles should be properly disposed of in accordance with federal, state, and local regulations.
- The interior of the oil/water separators should be pumped out, cleaned and inspected prior to commencement of the User lease.

The Client requested a Phase II ESA to address the concerns identified in the Phase I ESA Report. The proposed scope of work for the Limited Phase II ESA involved advancing 14 borings to the depths indicated in the table below for the collection of soil and/or groundwater samples. The targeted boring locations and sampling plan are summarized in the table below. It should be noted that boring depths were limited due to the presence of shallow bedrock beneath the Site, and groundwater was not encountered during the drilling activities. ATC modified the project scope based on the identified field conditions.

Boring	Location/Source	Depth (feet)	Sampling Media	Number of Samples	Laboratory Analysis
SB-1 to SB-4	Outdoor ASTs and Fueling Area	3 borings to 4' 1 boring to 35'	Soil / Groundwater	5 soils and 1 groundwater	GRO, DRO, VOCs
SB-5 to SB-6	OWS (Indoors)	12'	Soil	2	GRO, DRO, VOCs, metals
SB-7 to SB-14	Miscellaneous Outdoor Storage & Debris Piles	2'	Soil	8	GRO, DRO, VOCs, metals, PCBs

SUMMARY OF ACTIVITIES

Pre-Field Activities

Prior to implementing field activities, utility locator services were contacted and both public and private utility lines were marked. In addition, a site-specific Health and Safety Plan (HSP) was prepared to minimize the risk of exposure to chemical and physical hazards associated with on-site investigation activities.

Drilling and Sampling Procedures

On August 24, 2011, 14 soil borings were advanced utilizing a truck-mounted Geoprobe™ drilling rig and a four-foot macro core (MC) soil sampler equipped with a removable inner acetate sleeve. Soil borings were advanced by Matrix Environmental, under the direction of Mr. Sean Dobie of ATC. Samples were collected directly from the acetate sleeve and placed into sealable plastic bags. The soil borings were continuously screened to their terminus depths, which ranged from two to six feet below ground surface (bgs).

An ATC field technician was on-Site during the field activities to observe the drilling procedures, to visually classify soils in accordance with the Unified Soil Classification System (ASTM D-2488), and to inspect the soil samples for staining and other indications of contamination. Soil samples were field screened for the presence of total organic vapors using a PID. Geologic conditions and PID measurements were recorded on the soil boring logs, which are provided in Appendix A.

Soil sample collection and analysis procedures followed MPCA Petroleum Remediation Program Guidance Document 4-04 *Soil Sample Collection and Analysis Procedures* dated September 2008. Based on field observations and PID measurements, representative soil samples were submitted for laboratory analysis.

Soil samples collected for laboratory analysis were placed in sample containers provided by the laboratory, stored in a cooler on ice, and submitted to the laboratory under chain-of-custody protocol. Soil samples were analyzed by Pace in Minneapolis, Minnesota for gasoline range organics (GRO) and diesel range organics (DRO) using Wisconsin Modified method, volatile organic compounds (VOCs) using EPA Method 8260, RCRA 8 metals using EPA Method 6010, and

polychlorinated biphenyls (PCBs) using EPA Method 8082. Laboratory analytical reports are included in Appendix B.

Sampling equipment was decontaminated by washing with a solution of Alconox and water between sampling and boring locations. Upon completion of the soil borings, the boreholes were abandoned in accordance with Minnesota Department of Health (MDH) Well Codes. The interior soil borings were patched with concrete to match the surrounding surface.

RESULTS

Geology

Shallow dolomite bedrock was encountered beneath the Site at depths ranging from 4.5 to 6.8 feet bgs. Unconsolidated materials above the bedrock consist of glacial drift and/or fill materials – primarily sand and sandy peaty clay paved with crushed gravel in the upper two to six inches. The exception was in boring SB-08, where a layer of compacted asphalt roof shingles was encountered at one to two feet bgs. Groundwater was not encountered in the soil borings, which were advanced to a maximum depth of 6.8 feet bgs due to boring refusal. Geologic conditions are recorded on the soil boring logs, which are provided in Appendix A.

Field Screening Results

Field screening identified the presence of organic vapors at concentrations above background levels in soil samples collected from SB-03, located near the fueling area on the east side of the diesel AST, and SB-06, located near the western OWS inside the building. The PID readings ranged from 12 parts per million (ppm) in SB-03 to 287 ppm in SB-05. PID readings are recorded on the soil boring logs, which are provided in Appendix A.

Soil Sampling Results

A total of 14 soil samples were submitted for laboratory analyses. The samples submitted for confirmation analyses were collected from near the surface in the exterior soil borings and from the boring terminus in the interior borings located by the OWS. The results are summarized in the tables below. Final laboratory reports are included in Appendix B.

TABLE 1. RCRA METALS SOIL ANALYTICAL RESULTS

Sample Code	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Mercury (mg/kg)
SB-05 (4-7')	4.1	41.4	0.095	12.2	4.9	<0.81	<0.54	<0.020
SB-06 (2-4')	4.0	58.8	0.16	9.6	7.3	0.93	<0.59	<0.023
SB-07 (0-2')	5.6	116	2.0	13.2	58.7	1.3	<0.62	0.055
SB-08 (0-2')	8.7	106	2.4	23.5	194	<0.80	<0.53	0.028
SB-09 (0-2')	**9.6**	207	2.0	20.1	48.7	<0.74	<0.50	0.032
SB-10 (0-2')	5.6	46.7	0.17	7.5	10.0	<0.78	<0.52	<0.023
SB-11 (0-2')	4.1	49.6	0.16	8.6	15.6	0.97	<0.53	<0.020

SB-12 (0-2')	3.2	66.6	0.13	10.3	15.9	**1.9**	<0.53	0.072
SB-13 (0-2')	4.4	18.8	0.31	5.9	6.8	<0.81	<0.54	<0.021
SB-14 (0-2')	3.2	19.4	0.18	5.8	8.5	<0.68	<0.45	<0.020
Tier 1 SRV	9	1,100	25	44,000 (CrIII)	300	160	160	0.5
Tier 1 SLV	15.1	842	4.4	1,000,000 (CrIII)	525	1.5	3.9	1.6

TABLE 2. GRO, DRO, VOCs, AND PCBs SOIL ANALYTICAL RESULTS

Sample Code	GRO (mg/kg)	DRO (mg/kg)	VOCs* (mg/kg)	PCBs (mg/kg)
SB-01 (0-2')	<3.9	15.6	ND	-
SB-02 (0-2')	<3.4	<5.7	ND	-
SB-03 (0-2')	<4.7	436	p-Isopropyltoluene 0.12 (NE) 1,3,5-Trimethylbenzene 0.077 (3)	-
SB-04 (0-2')	<3.7	16.4	ND	-
SB-05 (4-7')	<3.3	9.6	ND	-
SB-06 (2-4')	202	188	n-Butylbenzene 1.3 (30) sec-Butylbenzene 0.45 (25) 1,2-Dichlorobenzene 0.40 (NE) Isopropylbenzene 0.22 (30) p-Isopropyltoluene 0.90 (NE) Naphthalene 2.5 (10) n-Propylbenzene 0.42 (30) Toluene 0.083 (107) 1,2,4-Trimethylbenzene 7.4 (8) 1,3,5-Trimethylbenzene 1.9 (3) Xylene 0.33 (45)	-
SB-07 (0-2')	<4.2	534	ND	<0.042
SB-08 (0-2')	<3.5	232	Toluene 0.054 (107)	<0.035
SB-09 (0-2')	<3.3	<5.4	ND	<0.037
SB-10 (0-2')	<3.7	111	ND	<0.037
SB-11 (0-2')	<3.6	19.2	ND	<0.036
SB-12 (0-2')	<3.9	<5.5	ND	<0.038
SB-13 (0-2')	<3.4	17.0	ND	<0.035
SB-14 (0-2')	<3.4	5.9	ND	<0.035
Methanol Blank	-	-	ND	-
Tier 1 SRV	NE	NE	-	1.2
Tier 1 SLV	NE	NE	-	2.1

* Only detected VOCs are shown. The Tier 1 SRVs are shown in parenthesis
mg/kg = milligrams per kilogram, equivalent to parts per million
Bolded results indicate exceedance of SRV or SLV
SRV = Soil Reference Values established by the MPCA
SLV = Soil Leaching Value established by the MPCA
ND = Not Detected
NE = Not Established

Laboratory analysis of the soil samples collected during the Limited Phase II ESA detected DRO concentrations in 11 of the 14 soil samples analyzed. The highest DRO concentration detected was 534 mg/kg in the soil sample collected from SB-07 at 0-2 feet bgs. DRO concentrations in the remaining samples ranged from 5.9 mg/kg to 436 mg/kg. A GRO concentration of 202 mg/kg was also detected in the soil sample collected from SB-06, but GRO was not detected in the remaining soil samples. There is no Soil Reference Value (SRV) established for DRO or GRO.

According to Minnesota statute 115.061, and as clarified in the MPCA Petroleum Remediation Program (PRP) Guidance Document 2-01, any past detectable releases should be reported to the MPCA "because a volume greater than five gallons (minimum reportable volume) was likely released". At leak sites where impacted soils remain with analytical results greater than 50 mg/kg GRO/DRO, and where soil contamination intercepts bedrock, the MPCA PRP would likely require a Limited Site Investigation (LSI) to be conducted to assess the extent of the release and potential risks to receptors.

Low concentrations of VOCs were detected in the soil samples collected from borings SB-03, SB-06, and SB-08. The VOCs detected include n-butylbenzene, sec-butylbenzene, 1,2-dichlorobenzene, isopropylbenzene, p-isopropyltoluene, naphthalene, n-propylbenzene, toluene, 1,2,4-trimethylbenzene,1,3,5-trimethylbenzene, and xylene. The VOC concentrations were all less than the Tier 1 SRVs, where established. The majority of the detected VOCs are known petroleum constituents except for 1,2-dichlorobenzene, which is used primarily as an industrial solvent.

Metals at varying concentrations were detected in the soil samples, but the metals concentrations appear to be consistent with normal background levels.

PCB concentrations were below detection limits in the soil samples analyzed.

CONCLUSIONS

Based on the above results, ATC concludes the following:

- Shallow DRO soil impacts were identified in many areas of the Site. The DRO contamination appears to be due to the on-Site industrial operations – from tenant maintenance, storage and disposal activities, both indoors and outdoors. The extent of the DRO impacts on the Site has not been fully delineated as a result of this limited investigation.

- The western OWS appears to be leaking, as GRO, DRO, and VOC soil impacts were identified in the soil sample collected from SB-06. Note that the two oil-water separators in the building are connected and should be addressed as one integral unit.

- Laboratory analysis of soils did not identify detectable concentrations of PCBs. Metals detected were generally consistent with background levels.

- Some construction debris such as asphalt roof shingles were buried in one area beneath the Site, which may be an indication of possibly other disposals or materials buried in other areas of the Site.

RECOMMENDATIONS

ATC recommends the following:

- Per Minnesota statute 115.061, a release should be reported to the State Duty Officer for the soil impacts identified at the Site.

- The existing OWS system in the building should be inspected for possible breaches and be repaired, or its use should be discontinued until such time as it is removed and properly abandoned.

- Prior to any future Site re-development, ATC recommends entering the MPCA Petroleum Brownfields Program (PBP), preparing a Development Response Action Plan (DRAP) and Contingency Plan that discusses how impacted soil will be managed during re-development, and submitting this DRAP/Contingency Plan to the PBP for approval.

- Liability assurances should be obtained from the MPCA PBP for the petroleum soil impacts identified at the Site. Specifically, ATC recommends that the owner obtain a Leak Site Tank Removal Letter or a File Closure determination from the PBP program, naming UR as the additional recipient on the letters. The MPCA will likely require that additional investigation be completed before issuing the assurance letters.

LIMITATIONS

This report provides a summary of the evidence collected and observations made by ATC during the limited Phase II ESA at the Site. ATC performed limited sampling to evaluate impacts from selected locations at a single point in time. Actual impacts to the subsurface can vary between sample points and source areas. This report is based on the information developed by ATC as a result of this one-time screening and does not guarantee that the site is free of other petroleum or potentially hazardous materials or conditions, or that latent or undiscovered conditions will not become evident in the future.

ATC appreciates the opportunity to provide you with this report and looks forward to continue working with you in the future. If you have questions or comments regarding the information in this letter report or if we can be of further assistance, please do not hesitate to contact the undersigned at (651) 635-9050.

Sincerely,
ATC Associates Inc.

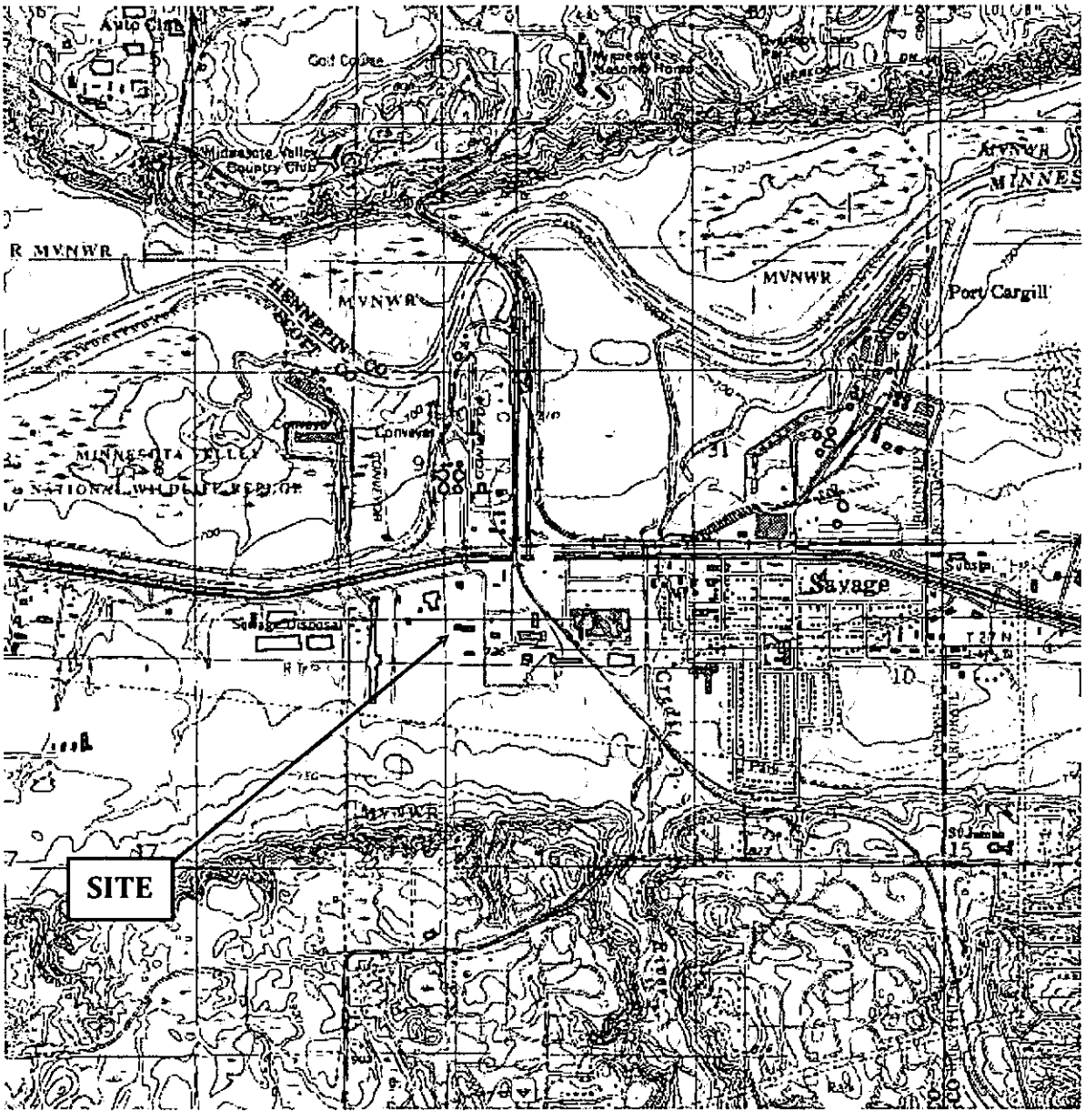
Tai Yeow
Project Manager

Mike Hultgren
Senior Project Manager

William E. Schwake, P.G.
Director, Client Management Services

Attachments:

Figure 1	Site Vicinity Map
Figure 2	Site Map Showing Soil Boring Locations
Appendix A	Soil Boring Logs
Appendix B	Laboratory Report



UNITED STATES GEOLOGICAL SURVEY, BLOOMINGTON QUADRANGLE, MINNESOTA
TOPOGRAPHIC MAP (7.5 MINUTE SERIES), DATED 1967 (REVISED 1993)

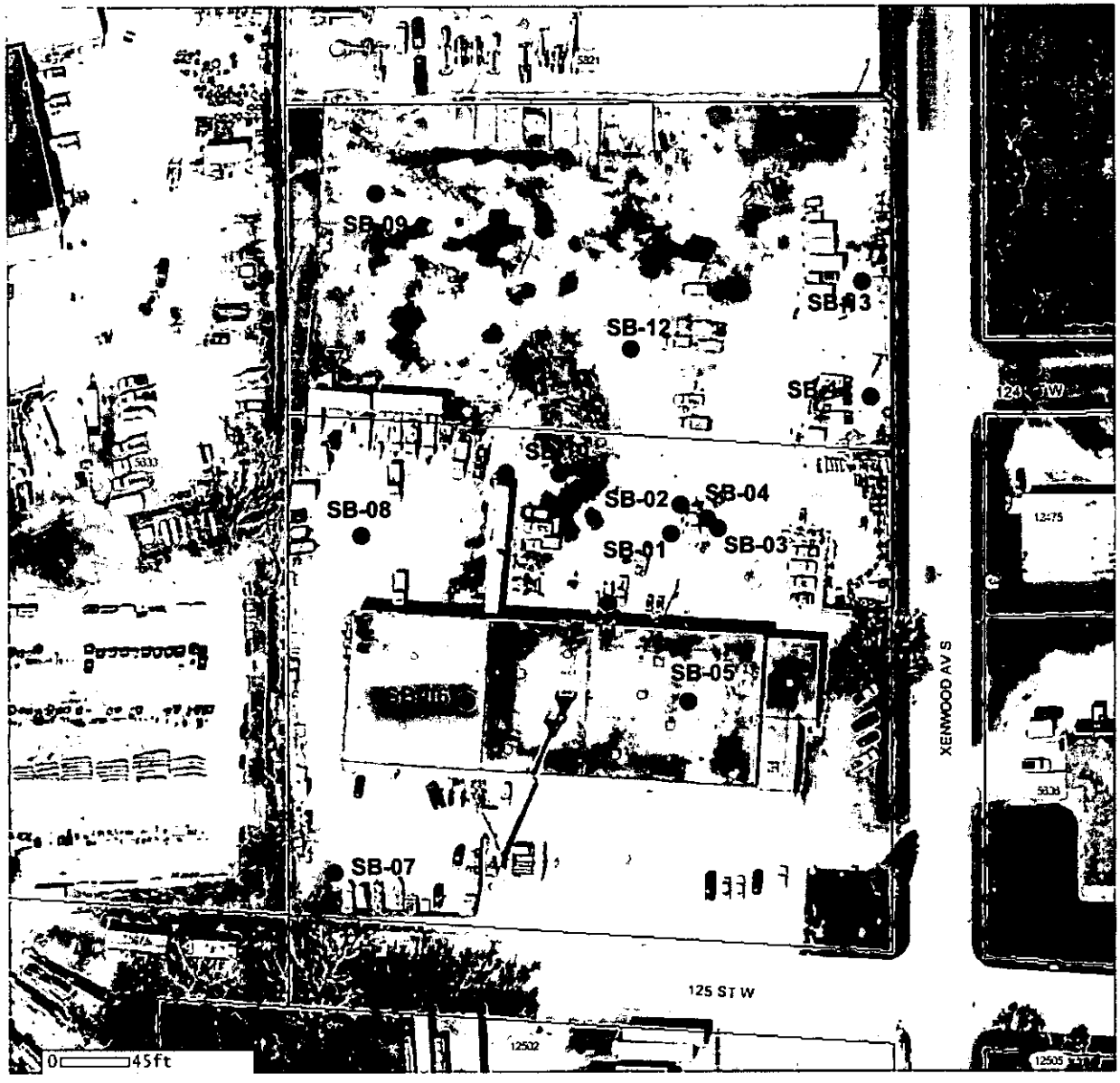
ATC ASSOCIATES INC

4380 ROUND LAKE RD W.
ARDEN HILLS, MN 55112

PROJECT NO: 022.75502.0004		
DESIGNED BY: ATC	SCALE: UNK	REVIEWED BY: MH
DRAWN BY: CTY	DATE: SEP 2011	FILE: TOPO

FIGURE 1
SITE VICINITY MAP

PROPOSED UNITED RENTAL LEASE LOCATION
12488 XENWOOD AVENUE SOUTH
SAVAGE, MINNESOTA
SEC 9, T115N, R21W



AERIAL PHOTO SOURCE: http://gis.co.scott.mn.us/ScottGIS/

ATC ASSOCIATES INC
4380 Round Lake Road West
Arden Hills, Minnesota 55112

PROJECT NO: 22.75502.0004

DESIGNED BY: ATC	SCALE: AS SHOWN	REVIEWED BY: MH
DRAWN BY: CTY	DATE: SEP 2011	FILE: SITE PLAN

FIGURE 2
SITE MAP SHOWING BORING LOCATIONS

PROPOSED UNITED RENTALS LEASE PROPERTY
12488 XENWOOD AVE S
SAVAGE, MINNESOTA 55378

DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-01
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-2'	SB-01 (0-2)	0.1		0.5	Brown sand (SW)
					1.0	
					1.5	
GP	2-4'		0.3		2.0	Black sandy clay (CL)
					2.5	
					3.0	
					3.5	
					4.0	
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC
SW
SP
SM
SC
CL
BEDROCK

VATC ASSOCIATES INC.
4380 Round Lake Road West
Arden Hills, Minnesota 55112
(651) 635-9050 Fax: (651) 635-9080

DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-02
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-2'	SB-02 (0-2)	1.6		0.5	Brown sand (SW)
					1.0	
					1.5	
GP	2-4'		0.5		2.0	Black sandy clay (CL)
					2.5	
					3.0	
					3.5	
					4.0	
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
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GRAPHIC COLUMN
ASPH/ CONC
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VATC ASSOCIATES INC.
4380 Round Lake Road West
Arden Hills, Minnesota 55112
(651) 635-9050 Fax: (651) 635-9080

DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-03
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-2'	SB-03 (0-2)	13.2		0.5	Brown sand (SW)
					1.0	
					1.5	
GP	2-4'		2.3		2.0	Black sandy clay (CL)
					2.5	
					3.0	
					3.5	
GP	4-5.2'		12.0		4.0	Brown sand (SW)
					4.5	
					5.0	
					5.5	Refusal (bedrock) at 5.2 ft. bgs
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

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GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC
SW
SP
SM
SC
CL
BEDROCK

VATC ASSOCIATES INC.
4380 Round Lake Road West
Arden Hills, Minnesota 55112
(651) 635-9050 Fax: (651) 635-9080

DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-04
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-2'	SB-04 (0-2)	1.4		0.5	Brown sand (SW)
					1.0	
					1.5	
GP	2-4'		0.2		2.0	Black sandy clay (CL)
					2.5	
					3.0	
					3.5	
GP	4-5.3'		0.1		4.0	Brown sand (SW)
					4.5	
					5.0	
					5.5	Refusal (bedrock) at 5.3 ft. bgs
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC
SW
SP
SM
SC
CL
BEDROCK

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DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-14
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-1'		0.8		0.5	Gravel
					1.0	Brown Sand (SW)
					1.5	
GP	1-2'	SB-14 (0-2')	0.8		2.0	Black sandy clay (CL)
					2.5	
					3.0	
					3.5	
					4.0	
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC
SW
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DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-13
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-1'		0.3		0.5	Gravel
					1.0	Brown Sand (SW)
					1.5	
GP	1-2'	SB-13 (0-2')	0.3		2.0	Black sandy clay (CL)
					2.5	
					3.0	
					3.5	
					4.0	
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC
SW
SP
SM
SC
CL
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DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-12
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-2'	SB-12 (0-2')	0.6		0.5	Gravel
					1.0	Brown Sand (SW)
					1.5	
					2.0	
					2.5	
					3.0	
					3.5	
					4.0	
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC | SW | SP | SM | SC | CL | BEDROCK

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DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-11
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-2'	SB-11 (0-2')	0.3		0.5	Brown Sand (SW)
					1.0	
					1.5	
					2.0	
					2.5	
					3.0	
					3.5	
					4.0	
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC
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DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-10
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-1'		0.8		0.5	Gravel
					1.0	Brown Sand (SW)
					1.5	
GP	1-2'	SB-10 (0-2')	0.8		2.0	Black sandy clay (CL)
					2.5	
					3.0	
					3.5	
					4.0	
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
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DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-09
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-2'	SB-09 (0-2')	0.6		0.5	Gravel
					1.0	Brown Sand (SW)
					1.5	
					2.0	
					2.5	
					3.0	
					3.5	
					4.0	
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC
SW
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DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-08
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-1'	SB-08 (0-2')	0.8		0.5	Gravel
					1.0	Brown Sand (SW)
					1.5	
GP	1-2'		NA		2.0	Asphalt Shingles
					2.5	
					3.0	
					3.5	
					4.0	
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC
SW
SP
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Arden Hills, Minnesota 55112
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DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-07
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-1'		0.7		0.5	Gravel
					1.0	Brown Sand (SW)
					1.5	
GP	1-2'	SB-07 (0-2')	0.7		2.0	Black sandy clay (CL)
					2.5	
					3.0	
					3.5	
					4.0	
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC
SW
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VATC ASSOCIATES INC.
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Arden Hills, Minnesota 55112
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DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-06
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-2'		0.6		0.5	concrete
					1.0	Brown Sand (SW)
					1.5	
GP	2-4'	SB-06 (2-4.5')	287		2.0	Black sandy clay (CL)
					2.5	
					3.0	
					3.5	
GP	4-4.5'		287.0		4.0	Brown/gray sand (SW)
					4.5	
					5.0	
					5.5	Refusal (bedrock) at 4.5 ft. bgs
					6.0	
					6.5	
					7.0	
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
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Arden Hills, Minnesota 55112
(651) 635-9050 Fax: (651) 635-9080

DRILLING LOG

PROJECT NAME:	United Rentals Phase II	BORING ID:	SB-05
PROJECT NO.:	22.75302.0004	DATE(S) DRILLED:	8/24/2011
PROJECT LOCATION:	12488 Xenwood Avenue S Savage, MN	DRILLING CONTR.:	Matrix
		DRILL METHOD:	Push Probe
		BORING DIAMETER:	2"
CLIENT:	United Rentals	INTERVAL:	2 ft
LOGGED BY:	Sean Dobie		

DESCRIPTIVE LOG (Page 1 of 1)

SAMPLE METHOD	SAMPLE INTERVAL	SAMPLE NUMBER	PID (ppm)	GRAPHIC COLUMN	DEPTH (FT)	DESCRIPTION OF MATERIAL
GP	0-2'		0.9		0.5	concrete
					1.0	Brown Sand (SW)
					1.5	
GP	2-4'		0.8		2.0	Black sandy clay (CL)
					2.5	
					3.0	
					3.5	
GP	4-4.5'	SB-05 (4-7')	0.9		4.0	Brown/gray sand (SW)
					4.5	
					5.0	
					5.5	
					6.0	
					6.5	
					7.0	Refusal (bedrock) at 6.8 ft. bgs
					7.5	
					8.0	
					8.5	
					9.0	
					9.5	
					10.0	
					10.5	
					11.0	
					11.5	
					12.0	
					12.5	
					13.0	
					13.5	
					14.0	
					14.5	
					15.0	

DRILLING METHODS
AIR - AIR ROTARY
CFA - CONTINUOUS FLIGHT AUGER
DC - DRIVEN CASING
HA - HAND AUGER
HSA - HOLLOW STEM AUGER
MD - MUD DRILLING
RC - ROCK CORING
WR - WATER ROTARY
GP - GEOPROBE
* - Sample collected for analysis

SAMPLING METHODS
SS - SPLIT SPOON
ST - SHELBY TUBE
GP - GEOPROBE

GRAPHIC COLUMN
ASPH/ CONC
SW
SP
SM
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CL
BEDROCK

ATC ASSOCIATES INC.
4380 Round Lake Road West
Arden Hills, Minnesota 55112
(651) 635-9050 Fax: (651) 635-9080

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

September 06, 2011

Tai Yeow
ATC Associates, Inc.
4380 Round Lake Rd W
Arden Hills, MN 55112

RE: Project: UR Savage, MN
Pace Project No.: 10167571

Dear Tai Yeow:
Enclosed are the analytical results for sample(s) received by the laboratory on August 25, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Andrea Opland

andrea.opland@pacelabs.com
Project Manager

Enclosures

Appendix B

Laboratory Report

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: UR Savage, MN
Pace Project No.: 10167571

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Idaho Certification #: MN00064
Illinois Certification #: 200011
Iowa Certification #: 368
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New Mexico Certification #: Pace
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: D9921
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Washington Certification #: C754
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: UR Savage, MN
Pace Project No.: 10167571

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10167571001	SB-01 (0-2)	Solid	08/24/11 11:00	08/25/11 13:04
10167571002	SB-02 (0-2)	Solid	08/24/11 10:50	08/25/11 13:04
10167571003	SB-03 (0-2)	Solid	08/24/11 10:20	08/25/11 13:04
10167571004	SB-04 (0-2)	Solid	08/24/11 10:00	08/25/11 13:04
10167571005	SB-05 (4-7)	Solid	08/24/11 13:30	08/25/11 13:04
10167571006	SB-06 (2-4)	Solid	08/24/11 13:10	08/25/11 13:04
10167571007	SB-07 (0-2)	Solid	08/24/11 13:00	08/25/11 13:04
10167571008	SB-08 (0-2)	Solid	08/24/11 14:00	08/25/11 13:04
10167571009	SB-09 (0-2)	Solid	08/24/11 14:20	08/25/11 13:04
10167571010	SB-10 (0-2)	Solid	08/24/11 14:30	08/25/11 13:04
10167571011	SB-11 (0-2)	Solid	08/24/11 14:50	08/25/11 13:04
10167571012	SB-12 (0-2)	Solid	08/24/11 12:00	08/25/11 13:04
10167571013	SB-13 (0-2)	Solid	08/24/11 16:00	08/25/11 13:04
10167571014	SB-14 (0-2)	Solid	08/24/11 16:30	08/25/11 13:04
10167571015	Meoh Blank	Solid		08/25/11 13:04

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SAMPLE ANALYTE COUNT

Project: UR Savage, MN
Pace Project No.: 10167571

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10167571001	SB-01 (0-2)	WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571002	SB-02 (0-2)	WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571003	SB-03 (0-2)	WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571004	SB-04 (0-2)	WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571005	SB-05 (4-7)	WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		EPA 6010	IP	7	PASI-M
		EPA 7471	TEM	1	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571006	SB-06 (2-4)	WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		EPA 6010	IP	7	PASI-M
		EPA 7471	TEM	1	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571007	SB-07 (0-2)	EPA 8082	KL1	11	PASI-M
		WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		EPA 6010	IP	7	PASI-M
		EPA 7471	TEM	1	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571008	SB-08 (0-2)	EPA 8082	KL1	11	PASI-M
		WI MOD DRO	JRH	2	PASI-M

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SAMPLE ANALYTE COUNT

Project: UR Savage, MN
Pace Project No.: 10167571

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		WI MOD GRO	KT1	2	PASI-M
		EPA 6010	IP	7	PASI-M
		EPA 7471	TEM	1	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571009	SB-09 (0-2)	EPA 8082	KL1	11	PASI-M
		WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		EPA 6010	IP	7	PASI-M
		EPA 7471	TEM	1	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571010	SB-10 (0-2)	EPA 8082	KL1	11	PASI-M
		WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		EPA 6010	IP	7	PASI-M
		EPA 7471	TEM	1	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571011	SB-11 (0-2)	EPA 8082	KL1	11	PASI-M
		WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		EPA 6010	IP	7	PASI-M
		EPA 7471	TEM	1	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571012	SB-12 (0-2)	EPA 8082	KL1	11	PASI-M
		WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		EPA 6010	IP	7	PASI-M
		EPA 7471	TEM	1	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571013	SB-13 (0-2)	EPA 8082	KL1	11	PASI-M
		WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		EPA 6010	IP	7	PASI-M

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SAMPLE ANALYTE COUNT

Project: UR Savage, MN
Pace Project No.: 10167571

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7471	TEM	1	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571014	**SB-14 (0-2)**	EPA 8082	KL1	11	PASI-M
		WI MOD DRO	JRH	2	PASI-M
		WI MOD GRO	KT1	2	PASI-M
		EPA 6010	IP	7	PASI-M
		EPA 7471	TEM	1	PASI-M
		% Moisture	JDL	1	PASI-M
		EPA 8260	MJH	71	PASI-M
10167571015	**Meoh Blank**	EPA 8260	MJH	71	PASI-M

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-01 (0-2) **Lab ID: 10167571001** Collected: 08/24/11 11:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**15.6**	mg/kg	6.0	1	08/26/11 08:03	08/29/11 13:51		
n-Triacontane (S)	64	%	50-150	1	08/26/11 08:03	08/29/11 13:51		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.9	1	08/26/11 09:06	08/26/11 20:44		
a,a,a-Trifluorotoluene (S)	95	%	80-125	1	08/26/11 09:06	08/26/11 20:44	98-08-8	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**18.4**	%	0.10	1		08/26/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.60	1	08/26/11 15:52	08/27/11 15:29	67-64-1	
Allyl chloride	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 15:29	107-05-1	
Benzene	ND	mg/kg	0.024	1	08/26/11 15:52	08/27/11 15:29	71-43-2	
Bromobenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	108-86-1	
Bromochloromethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	74-97-5	
Bromodichloromethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	75-27-4	
Bromoform	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 15:29	75-25-2	
Bromomethane	ND	mg/kg	0.60	1	08/26/11 15:52	08/27/11 15:29	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.60	1	08/26/11 15:52	08/27/11 15:29	78-93-3	
n-Butylbenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	56-23-5	
Chlorobenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	108-90-7	
Chloroethane	ND	mg/kg	0.60	1	08/26/11 15:52	08/27/11 15:29	75-00-3	
Chloroform	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	67-66-3	
Chloromethane	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 15:29	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 15:29	96-12-8	
Dibromochloromethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	106-93-4	
Dibromomethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.60	1	08/26/11 15:52	08/27/11 15:29	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	78-87-5	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-01 (0-2) **Lab ID: 10167571001** Collected: 08/24/11 11:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,3-Dichloropropane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 15:29	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 15:29	60-29-7	
Ethylbenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.30	1	08/26/11 15:52	08/27/11 15:29	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	99-87-6	
Methylene Chloride	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.60	1	08/26/11 15:52	08/27/11 15:29	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	1634-04-4	
Naphthalene	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 15:29	91-20-3	
n-Propylbenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	103-65-1	
Styrene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	79-34-5	
Tetrachloroethene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.4	1	08/26/11 15:52	08/27/11 15:29	109-99-9	
Toluene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	79-00-5	
Trichloroethene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 15:29	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 15:29	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.060	1	08/26/11 15:52	08/27/11 15:29	108-67-8	
Vinyl chloride	ND	mg/kg	0.024	1	08/26/11 15:52	08/27/11 15:29	75-01-4	
Xylene (Total)	ND	mg/kg	0.18	1	08/26/11 15:52	08/27/11 15:29	1330-20-7	
Dibromofluoromethane (S)	137	%	30-150	1	08/26/11 15:52	08/27/11 15:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	141	%	30-150	1	08/26/11 15:52	08/27/11 15:29	17060-07-0	
Toluene-d8 (S)	129	%	30-150	1	08/26/11 15:52	08/27/11 15:29	2037-26-5	
4-Bromofluorobenzene (S)	135	%	30-150	1	08/26/11 15:52	08/27/11 15:29	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-02 (0-2) **Lab ID: 10167571002** Collected: 08/24/11 10:50 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	5.7	1	08/26/11 08:03	08/29/11 12:41		
n-Triacontane (S)	65	%	50-150	1	08/26/11 08:03	08/29/11 12:41		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.4	1	08/26/11 09:06	08/26/11 21:08		
a,a,a-Trifluorotoluene (S)	94	%	80-125	1	08/26/11 09:06	08/26/11 21:08	98-08-8	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**13.9**	%	0.10	1		08/26/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 15:50	67-64-1	
Allyl chloride	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 15:50	107-05-1	
Benzene	ND	mg/kg	0.023	1	08/26/11 15:52	08/27/11 15:50	71-43-2	
Bromobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	108-86-1	
Bromochloromethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	74-97-5	
Bromodichloromethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	75-27-4	
Bromoform	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 15:50	75-25-2	
Bromomethane	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 15:50	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 15:50	78-93-3	
n-Butylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	56-23-5	
Chlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	108-90-7	
Chloroethane	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 15:50	75-00-3	
Chloroform	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	67-66-3	
Chloromethane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 15:50	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 15:50	96-12-8	
Dibromochloromethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	106-93-4	
Dibromomethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 15:50	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	78-87-5	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-02 (0-2) **Lab ID: 10167571002** Collected: 08/24/11 10:50 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,3-Dichloropropane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 15:50	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 15:50	60-29-7	
Ethylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.29	1	08/26/11 15:52	08/27/11 15:50	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	99-87-6	
Methylene Chloride	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 15:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 15:50	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	1634-04-4	
Naphthalene	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 15:50	91-20-3	
n-Propylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	103-65-1	
Styrene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	79-34-5	
Tetrachloroethene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.3	1	08/26/11 15:52	08/27/11 15:50	109-99-9	
Toluene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	79-00-5	
Trichloroethene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 15:50	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 15:50	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 15:50	108-67-8	
Vinyl chloride	ND	mg/kg	0.023	1	08/26/11 15:52	08/27/11 15:50	75-01-4	
Xylene (Total)	ND	mg/kg	0.17	1	08/26/11 15:52	08/27/11 15:50	1330-20-7	
Dibromofluoromethane (S)	129	%	30-150	1	08/26/11 15:52	08/27/11 15:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	135	%	30-150	1	08/26/11 15:52	08/27/11 15:50	17060-07-0	
Toluene-d8 (S)	121	%	30-150	1	08/26/11 15:52	08/27/11 15:50	2037-26-5	
4-Bromofluorobenzene (S)	124	%	30-150	1	08/26/11 15:52	08/27/11 15:50	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-03 (0-2) **Lab ID: 10167571003** Collected: 08/24/11 10:20 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**436**	mg/kg	30.9	5	08/26/11 08:03	08/29/11 15:35		
n-Triacontane (S)	73	%	50-150	5	08/26/11 08:03	08/29/11 15:35		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	4.7	1	08/26/11 09:06	08/26/11 21:32		
a,a,a-Trifluorotoluene (S)	95	%	80-125	1	08/26/11 09:06	08/26/11 21:32	98-08-8	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**20.6**	%	0.10	1		08/26/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.61	1	08/26/11 15:52	08/27/11 16:10	67-64-1	
Allyl chloride	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 16:10	107-05-1	
Benzene	ND	mg/kg	0.024	1	08/26/11 15:52	08/27/11 16:10	71-43-2	
Bromobenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	108-86-1	
Bromochloromethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	74-97-5	
Bromodichloromethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	75-27-4	
Bromoform	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 16:10	75-25-2	
Bromomethane	ND	mg/kg	0.61	1	08/26/11 15:52	08/27/11 16:10	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.61	1	08/26/11 15:52	08/27/11 16:10	78-93-3	
n-Butylbenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	56-23-5	
Chlorobenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	108-90-7	
Chloroethane	ND	mg/kg	0.61	1	08/26/11 15:52	08/27/11 16:10	75-00-3	
Chloroform	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	67-66-3	
Chloromethane	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 16:10	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 16:10	96-12-8	
Dibromochloromethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	106-93-4	
Dibromomethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.61	1	08/26/11 15:52	08/27/11 16:10	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	78-87-5	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-03 (0-2) **Lab ID: 10167571003** Collected: 08/24/11 10:20 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,3-Dichloropropane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 16:10	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 16:10	60-29-7	
Ethylbenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.31	1	08/26/11 15:52	08/27/11 16:10	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	98-82-8	
p-Isopropyltoluene	**0.12**	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	99-87-6	
Methylene Chloride	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 16:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.61	1	08/26/11 15:52	08/27/11 16:10	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	1634-04-4	
Naphthalene	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 16:10	91-20-3	
n-Propylbenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	103-65-1	
Styrene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	79-34-5	
Tetrachloroethene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.4	1	08/26/11 15:52	08/27/11 16:10	109-99-9	
Toluene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	79-00-5	
Trichloroethene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 16:10	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.24	1	08/26/11 15:52	08/27/11 16:10	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	95-63-6	
1,3,5-Trimethylbenzene	**0.077**	mg/kg	0.061	1	08/26/11 15:52	08/27/11 16:10	108-67-8	
Vinyl chloride	ND	mg/kg	0.024	1	08/26/11 15:52	08/27/11 16:10	75-01-4	
Xylene (Total)	ND	mg/kg	0.18	1	08/26/11 15:52	08/27/11 16:10	1330-20-7	
Dibromofluoromethane (S)	131	%	30-150	1	08/26/11 15:52	08/27/11 16:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	135	%	30-150	1	08/26/11 15:52	08/27/11 16:10	17060-07-0	
Toluene-d8 (S)	118	%	30-150	1	08/26/11 15:52	08/27/11 16:10	2037-26-5	
4-Bromofluorobenzene (S)	122	%	30-150	1	08/26/11 15:52	08/27/11 16:10	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-04 (0-2) **Lab ID: 10167571004** Collected: 08/24/11 10:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**16.4**	mg/kg	6.1	1	08/26/11 08:03	08/29/11 14:06		
n-Triacontane (S)	69	%	50-150	1	08/26/11 08:03	08/29/11 14:06		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.7	1	08/26/11 09:06	08/26/11 21:55		
a,a,a-Trifluorotoluene (S)	94	%	80-125	1	08/26/11 09:06	08/26/11 21:55	98-08-8	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**18.8**	%	0.10	1		08/26/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 16:31	67-64-1	
Allyl chloride	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 16:31	107-05-1	
Benzene	ND	mg/kg	0.025	1	08/26/11 15:52	08/27/11 16:31	71-43-2	
Bromobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	108-86-1	
Bromochloromethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	74-97-5	
Bromodichloromethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	75-27-4	
Bromoform	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 16:31	75-25-2	
Bromomethane	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 16:31	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 16:31	78-93-3	
n-Butylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	56-23-5	
Chlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	108-90-7	
Chloroethane	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 16:31	75-00-3	
Chloroform	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	67-66-3	
Chloromethane	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 16:31	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 16:31	96-12-8	
Dibromochloromethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	106-93-4	
Dibromomethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 16:31	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	78-87-5	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-04 (0-2) **Lab ID: 10167571004** Collected: 08/24/11 10:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,3-Dichloropropane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 16:31	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 16:31	60-29-7	
Ethylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.31	1	08/26/11 15:52	08/27/11 16:31	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	99-87-6	
Methylene Chloride	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 16:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 16:31	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	1634-04-4	
Naphthalene	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 16:31	91-20-3	
n-Propylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	103-65-1	
Styrene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	79-34-5	
Tetrachloroethene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.5	1	08/26/11 15:52	08/27/11 16:31	109-99-9	
Toluene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	79-00-5	
Trichloroethene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 16:31	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 16:31	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 16:31	108-67-8	
Vinyl chloride	ND	mg/kg	0.025	1	08/26/11 15:52	08/27/11 16:31	75-01-4	
Xylene (Total)	ND	mg/kg	0.19	1	08/26/11 15:52	08/27/11 16:31	1330-20-7	
Dibromofluoromethane (S)	136	%	30-150	1	08/26/11 15:52	08/27/11 16:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	137	%	30-150	1	08/26/11 15:52	08/27/11 16:31	17060-07-0	
Toluene-d8 (S)	132	%	30-150	1	08/26/11 15:52	08/27/11 16:31	2037-26-5	
4-Bromofluorobenzene (S)	135	%	30-150	1	08/26/11 15:52	08/27/11 16:31	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-05 (4-7) **Lab ID: 10167571005** Collected: 08/24/11 13:30 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**9.6**	mg/kg	6.3	1	08/26/11 08:03	08/29/11 14:22		
n-Triacontane (S)	64	%	50-150	1	08/26/11 08:03	08/29/11 14:22		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.3	1	08/26/11 09:06	08/26/11 22:19		
a,a,a-Trifluorotoluene (S)	97	%	80-125	1	08/26/11 09:06	08/26/11 22:19	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.1**	mg/kg	0.54	1	08/26/11 08:23	08/26/11 14:02	7440-38-2	
Barium	**41.4**	mg/kg	0.54	1	08/26/11 08:23	08/26/11 14:02	7440-39-3	
Cadmium	**0.095**	mg/kg	0.054	1	08/26/11 08:23	08/26/11 14:02	7440-43-9	
Chromium	**12.2**	mg/kg	0.54	1	08/26/11 08:23	08/26/11 14:02	7440-47-3	
Lead	**4.9**	mg/kg	0.32	1	08/26/11 08:23	08/26/11 14:02	7439-92-1	
Selenium	ND	mg/kg	0.81	1	08/26/11 08:23	08/26/11 14:02	7782-49-2	
Silver	ND	mg/kg	0.54	1	08/26/11 08:23	08/26/11 14:02	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.020	1	08/26/11 09:11	08/26/11 11:58	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**7.3**	%	0.10	1		08/30/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.54	1	08/26/11 15:52	08/27/11 16:52	67-64-1	
Allyl chloride	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 16:52	107-05-1	
Benzene	ND	mg/kg	0.022	1	08/26/11 15:52	08/27/11 16:52	71-43-2	
Bromobenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	108-86-1	
Bromochloromethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	74-97-5	
Bromodichloromethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	75-27-4	
Bromoform	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 16:52	75-25-2	
Bromomethane	ND	mg/kg	0.54	1	08/26/11 15:52	08/27/11 16:52	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.54	1	08/26/11 15:52	08/27/11 16:52	78-93-3	
n-Butylbenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	56-23-5	
Chlorobenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	108-90-7	
Chloroethane	ND	mg/kg	0.54	1	08/26/11 15:52	08/27/11 16:52	75-00-3	
Chloroform	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	67-66-3	
Chloromethane	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 16:52	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 16:52	96-12-8	
Dibromochloromethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	106-93-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-05 (4-7) **Lab ID: 10167571005** Collected: 08/24/11 13:30 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromomethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.54	1	08/26/11 15:52	08/27/11 16:52	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 16:52	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 16:52	60-29-7	
Ethylbenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.27	1	08/26/11 15:52	08/27/11 16:52	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	99-87-6	
Methylene Chloride	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 16:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.54	1	08/26/11 15:52	08/27/11 16:52	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	1634-04-4	
Naphthalene	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 16:52	91-20-3	
n-Propylbenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	103-65-1	
Styrene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	79-34-5	
Tetrachloroethene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.2	1	08/26/11 15:52	08/27/11 16:52	109-99-9	
Toluene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	79-00-5	
Trichloroethene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 16:52	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 16:52	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.054	1	08/26/11 15:52	08/27/11 16:52	108-67-8	
Vinyl chloride	ND	mg/kg	0.022	1	08/26/11 15:52	08/27/11 16:52	75-01-4	
Xylene (Total)	ND	mg/kg	0.16	1	08/26/11 15:52	08/27/11 16:52	1330-20-7	
Dibromofluoromethane (S)	113	%	30-150	1	08/26/11 15:52	08/27/11 16:52	1868-53-7	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-05 (4-7) **Lab ID: 10167571005** Collected: 08/24/11 13:30 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2-Dichloroethane-d4 (S)	118	%	30-150	1	08/26/11 15:52	08/27/11 16:52	17060-07-0	
Toluene-d8 (S)	113	%	30-150	1	08/26/11 15:52	08/27/11 16:52	2037-26-5	
4-Bromofluorobenzene (S)	112	%	30-150	1	08/26/11 15:52	08/27/11 16:52	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-06 (2-4) **Lab ID: 10167571006** Collected: 08/24/11 13:10 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**188**	mg/kg	13.4	2	08/26/11 08:03	08/29/11 13:43		
n-Triacontane (S)	55	%	50-150	2	08/26/11 08:03	08/29/11 13:43		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	**202**	mg/kg	40.8	10	08/26/11 09:06	08/26/11 19:10		
a,a,a-Trifluorotoluene (S)	124	%	80-125	10	08/26/11 09:06	08/26/11 19:10	98-08-8	D3
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.0**	mg/kg	0.59	1	08/26/11 08:23	08/26/11 14:15	7440-38-2	
Barium	**58.8**	mg/kg	0.59	1	08/26/11 08:23	08/26/11 14:15	7440-39-3	
Cadmium	**0.16**	mg/kg	0.059	1	08/26/11 08:23	08/26/11 14:15	7440-43-9	
Chromium	**9.6**	mg/kg	0.59	1	08/26/11 08:23	08/26/11 14:15	7440-47-3	
Lead	**7.3**	mg/kg	0.35	1	08/26/11 08:23	08/26/11 14:15	7439-92-1	
Selenium	**0.93**	mg/kg	0.88	1	08/26/11 08:23	08/26/11 14:15	7782-49-2	
Silver	ND	mg/kg	0.59	1	08/26/11 08:23	08/26/11 14:15	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.023	1	08/26/11 09:11	08/26/11 12:04	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**15.0**	%	0.10	1		08/30/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.59	1	08/26/11 15:52	08/27/11 17:13	67-64-1	
Allyl chloride	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:13	107-05-1	
Benzene	ND	mg/kg	0.023	1	08/26/11 15:52	08/27/11 17:13	71-43-2	
Bromobenzene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	108-86-1	
Bromochloromethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	74-97-5	
Bromodichloromethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	75-27-4	
Bromoform	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:13	75-25-2	
Bromomethane	ND	mg/kg	0.59	1	08/26/11 15:52	08/27/11 17:13	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.59	1	08/26/11 15:52	08/27/11 17:13	78-93-3	
n-Butylbenzene	**1.3**	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	104-51-8	
sec-Butylbenzene	**0.45**	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	56-23-5	
Chlorobenzene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	108-90-7	
Chloroethane	ND	mg/kg	0.59	1	08/26/11 15:52	08/27/11 17:13	75-00-3	
Chloroform	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	67-66-3	
Chloromethane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:13	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:13	96-12-8	
Dibromochloromethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	106-93-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-06 (2-4) **Lab ID: 10167571006** Collected: 08/24/11 13:10 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Dibromomethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	74-95-3	
1,2-Dichlorobenzene	**0.40**	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.59	1	08/26/11 15:52	08/27/11 17:13	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:13	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:13	60-29-7	
Ethylbenzene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.29	1	08/26/11 15:52	08/27/11 17:13	87-68-3	
Isopropylbenzene (Cumene)	**0.22**	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	98-82-8	
p-Isopropyltoluene	**0.90**	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	99-87-6	
Methylene Chloride	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.59	1	08/26/11 15:52	08/27/11 17:13	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	1634-04-4	
Naphthalene	**2.5**	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:13	91-20-3	
n-Propylbenzene	**0.42**	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	103-65-1	
Styrene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	79-34-5	
Tetrachloroethene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.3	1	08/26/11 15:52	08/27/11 17:13	109-99-9	
Toluene	**0.083**	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	79-00-5	
Trichloroethene	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:13	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:13	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	76-13-1	
1,2,4-Trimethylbenzene	**7.4**	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	95-63-6	
1,3,5-Trimethylbenzene	**1.9**	mg/kg	0.059	1	08/26/11 15:52	08/27/11 17:13	108-67-8	
Vinyl chloride	ND	mg/kg	0.023	1	08/26/11 15:52	08/27/11 17:13	75-01-4	
Xylene (Total)	**0.33**	mg/kg	0.18	1	08/26/11 15:52	08/27/11 17:13	1330-20-7	
Dibromofluoromethane (S)	111	%	30-150	1	08/26/11 15:52	08/27/11 17:13	1868-53-7	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-06 (2-4) **Lab ID: 10167571006** Collected: 08/24/11 13:10 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2-Dichloroethane-d4 (S)	113	%	30-150	1	08/26/11 15:52	08/27/11 17:13	17060-07-0	
Toluene-d8 (S)	98	%	30-150	1	08/26/11 15:52	08/27/11 17:13	2037-26-5	
4-Bromofluorobenzene (S)	113	%	30-150	1	08/26/11 15:52	08/27/11 17:13	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-07 (0-2) **Lab ID: 10167571007** Collected: 08/24/11 13:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.042	1	08/26/11 07:02	08/26/11 17:41	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.042	1	08/26/11 07:02	08/26/11 17:41	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.042	1	08/26/11 07:02	08/26/11 17:41	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.042	1	08/26/11 07:02	08/26/11 17:41	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.042	1	08/26/11 07:02	08/26/11 17:41	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.042	1	08/26/11 07:02	08/26/11 17:41	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.042	1	08/26/11 07:02	08/26/11 17:41	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	mg/kg	0.042	1	08/26/11 07:02	08/26/11 17:41	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	mg/kg	0.042	1	08/26/11 07:02	08/26/11 17:41	11100-14-4	
Tetrachloro-m-xylene (S)	104	%	30-150	1	08/26/11 07:02	08/26/11 17:41	877-09-8	
Decachlorobiphenyl (S)	75	%	30-150	1	08/26/11 07:02	08/26/11 17:41	2051-24-3	
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**534**	mg/kg	37.2	5	08/26/11 08:03	08/29/11 15:49		T6
n-Triacontane (S)	56	%	50-150	5	08/26/11 08:03	08/29/11 15:49		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	4.2	1	08/26/11 09:06	08/26/11 22:42		
a,a,a-Trifluorotoluene (S)	94	%	80-125	1	08/26/11 09:06	08/26/11 22:42	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.6**	mg/kg	0.62	1	08/26/11 08:23	08/26/11 14:21	7440-38-2	
Barium	**116**	mg/kg	0.62	1	08/26/11 08:23	08/26/11 14:21	7440-39-3	
Cadmium	**2.0**	mg/kg	0.062	1	08/26/11 08:23	08/26/11 14:21	7440-43-9	
Chromium	**13.2**	mg/kg	0.62	1	08/26/11 08:23	08/26/11 14:21	7440-47-3	
Lead	**58.7**	mg/kg	0.37	1	08/26/11 08:23	08/26/11 14:21	7439-92-1	
Selenium	**1.3**	mg/kg	0.94	1	08/26/11 08:23	08/26/11 14:21	7782-49-2	
Silver	ND	mg/kg	0.62	1	08/26/11 08:23	08/26/11 14:21	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.055**	mg/kg	0.024	1	08/26/11 09:11	08/26/11 12:06	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**20.6**	%	0.10	1		08/30/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 14:27	67-64-1	
Allyl chloride	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:27	107-05-1	
Benzene	ND	mg/kg	0.025	1	08/26/11 15:52	08/27/11 14:27	71-43-2	
Bromobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	108-86-1	
Bromochloromethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	74-97-5	
Bromodichloromethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	75-27-4	
Bromoform	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:27	75-25-2	
Bromomethane	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 14:27	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 14:27	78-93-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-07 (0-2) **Lab ID: 10167571007** Collected: 08/24/11 13:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Butylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	56-23-5	
Chlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	108-90-7	M1
Chloroethane	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 14:27	75-00-3	
Chloroform	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	67-66-3	
Chloromethane	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:27	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:27	96-12-8	
Dibromochloromethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	106-93-4	
Dibromomethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	95-50-1	M1
1,3-Dichlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 14:27	75-43-4	M0
1,2-Dichloropropane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:27	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:27	60-29-7	
Ethylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.31	1	08/26/11 15:52	08/27/11 14:27	87-68-3	M1
Isopropylbenzene (Cumene)	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	99-87-6	
Methylene Chloride	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.62	1	08/26/11 15:52	08/27/11 14:27	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	1634-04-4	
Naphthalene	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:27	91-20-3	
n-Propylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	103-65-1	
Styrene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	79-34-5	
Tetrachloroethene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.5	1	08/26/11 15:52	08/27/11 14:27	109-99-9	
Toluene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	108-88-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-07 (0-2) **Lab ID: 10167571007** Collected: 08/24/11 13:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	79-00-5	
Trichloroethene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:27	75-69-4	M1
1,2,3-Trichloropropane	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:27	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	76-13-1	M1
1,2,4-Trimethylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.062	1	08/26/11 15:52	08/27/11 14:27	108-67-8	
Vinyl chloride	ND	mg/kg	0.025	1	08/26/11 15:52	08/27/11 14:27	75-01-4	
Xylene (Total)	ND	mg/kg	0.18	1	08/26/11 15:52	08/27/11 14:27	1330-20-7	
Dibromofluoromethane (S)	136	%	30-150	1	08/26/11 15:52	08/27/11 14:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	140	%	30-150	1	08/26/11 15:52	08/27/11 14:27	17060-07-0	
Toluene-d8 (S)	129	%	30-150	1	08/26/11 15:52	08/27/11 14:27	2037-26-5	
4-Bromofluorobenzene (S)	131	%	30-150	1	08/26/11 15:52	08/27/11 14:27	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-08 (0-2) **Lab ID: 10167571008** Collected: 08/24/11 14:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.35	10	08/26/11 07:02	08/26/11 21:40	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.35	10	08/26/11 07:02	08/26/11 21:40	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.35	10	08/26/11 07:02	08/26/11 21:40	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.35	10	08/26/11 07:02	08/26/11 21:40	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.35	10	08/26/11 07:02	08/26/11 21:40	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.35	10	08/26/11 07:02	08/26/11 21:40	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.35	10	08/26/11 07:02	08/26/11 21:40	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	mg/kg	0.35	10	08/26/11 07:02	08/26/11 21:40	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	mg/kg	0.35	10	08/26/11 07:02	08/26/11 21:40	11100-14-4	
Tetrachloro-m-xylene (S)	0	%	30-150	10	08/26/11 07:02	08/26/11 21:40	877-09-8	D3,S4
Decachlorobiphenyl (S)	0	%	30-150	10	08/26/11 07:02	08/26/11 21:40	2051-24-3	S4
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**232**	mg/kg	26.7	5	08/26/11 08:03	08/29/11 15:42		T6
n-Triacontane (S)	79	%	50-150	5	08/26/11 08:03	08/29/11 15:42		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.5	1	08/26/11 09:06	08/26/11 23:06		
a,a,a-Trifluorotoluene (S)	94	%	80-125	1	08/26/11 09:06	08/26/11 23:06	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**8.7**	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:26	7440-38-2	
Barium	**106**	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:26	7440-39-3	
Cadmium	**2.4**	mg/kg	0.053	1	08/26/11 08:23	08/26/11 14:26	7440-43-9	
Chromium	**23.5**	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:26	7440-47-3	
Lead	**194**	mg/kg	0.32	1	08/26/11 08:23	08/26/11 14:26	7439-92-1	
Selenium	ND	mg/kg	0.80	1	08/26/11 08:23	08/26/11 14:26	7782-49-2	
Silver	ND	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:26	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.028**	mg/kg	0.018	1	08/26/11 09:11	08/26/11 12:13	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**6.0**	%	0.10	1		08/30/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.51	1	08/26/11 15:52	08/28/11 13:29	67-64-1	
Allyl chloride	ND	mg/kg	0.21	1	08/26/11 15:52	08/28/11 13:29	107-05-1	
Benzene	ND	mg/kg	0.021	1	08/26/11 15:52	08/28/11 13:29	71-43-2	
Bromobenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	108-86-1	
Bromochloromethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	74-97-5	
Bromodichloromethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	75-27-4	
Bromoform	ND	mg/kg	0.21	1	08/26/11 15:52	08/28/11 13:29	75-25-2	
Bromomethane	ND	mg/kg	0.51	1	08/26/11 15:52	08/28/11 13:29	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.51	1	08/26/11 15:52	08/28/11 13:29	78-93-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-08 (0-2) **Lab ID: 10167571008** Collected: 08/24/11 14:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Butylbenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	56-23-5	
Chlorobenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	108-90-7	
Chloroethane	ND	mg/kg	0.51	1	08/26/11 15:52	08/28/11 13:29	75-00-3	
Chloroform	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	67-66-3	
Chloromethane	ND	mg/kg	0.21	1	08/26/11 15:52	08/28/11 13:29	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.21	1	08/26/11 15:52	08/28/11 13:29	96-12-8	
Dibromochloromethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	106-93-4	
Dibromomethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.51	1	08/26/11 15:52	08/28/11 13:29	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.21	1	08/26/11 15:52	08/28/11 13:29	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.21	1	08/26/11 15:52	08/28/11 13:29	60-29-7	
Ethylbenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.26	1	08/26/11 15:52	08/28/11 13:29	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	99-87-6	
Methylene Chloride	ND	mg/kg	0.21	1	08/26/11 15:52	08/28/11 13:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.51	1	08/26/11 15:52	08/28/11 13:29	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	1634-04-4	
Naphthalene	ND	mg/kg	0.21	1	08/26/11 15:52	08/28/11 13:29	91-20-3	
n-Propylbenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	103-65-1	
Styrene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	79-34-5	
Tetrachloroethene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.1	1	08/26/11 15:52	08/28/11 13:29	109-99-9	
Toluene	**0.054**	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	108-88-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-08 (0-2) **Lab ID: 10167571008** Collected: 08/24/11 14:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichlorobenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	79-00-5	
Trichloroethene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.21	1	08/26/11 15:52	08/28/11 13:29	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.21	1	08/26/11 15:52	08/28/11 13:29	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.051	1	08/26/11 15:52	08/28/11 13:29	108-67-8	
Vinyl chloride	ND	mg/kg	0.021	1	08/26/11 15:52	08/28/11 13:29	75-01-4	
Xylene (Total)	ND	mg/kg	0.15	1	08/26/11 15:52	08/28/11 13:29	1330-20-7	
Dibromofluoromethane (S)	112	%	30-150	1	08/26/11 15:52	08/28/11 13:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	116	%	30-150	1	08/26/11 15:52	08/28/11 13:29	17060-07-0	
Toluene-d8 (S)	106	%	30-150	1	08/26/11 15:52	08/28/11 13:29	2037-26-5	
4-Bromofluorobenzene (S)	106	%	30-150	1	08/26/11 15:52	08/28/11 13:29	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-09 (0-2) **Lab ID: 10167571009** Collected: 08/24/11 14:20 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 18:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 18:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 18:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 18:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 18:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 18:29	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 18:29	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 18:29	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 18:29	11100-14-4	
Tetrachloro-m-xylene (S)	89	%	30-150	1	08/26/11 07:02	08/26/11 18:29	877-09-8	
Decachlorobiphenyl (S)	78	%	30-150	1	08/26/11 07:02	08/26/11 18:29	2051-24-3	
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	5.4	1	08/26/11 08:03	08/29/11 14:14		
n-Triacontane (S)	66	%	50-150	1	08/26/11 08:03	08/29/11 14:14		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.3	1	08/26/11 09:06	08/26/11 23:29		
a,a,a-Trifluorotoluene (S)	95	%	80-125	1	08/26/11 09:06	08/26/11 23:29	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**9.6**	mg/kg	0.50	1	08/26/11 08:23	08/26/11 14:31	7440-38-2	
Barium	**207**	mg/kg	0.50	1	08/26/11 08:23	08/26/11 14:31	7440-39-3	
Cadmium	**2.0**	mg/kg	0.050	1	08/26/11 08:23	08/26/11 14:31	7440-43-9	
Chromium	**20.1**	mg/kg	0.50	1	08/26/11 08:23	08/26/11 14:31	7440-47-3	
Lead	**48.7**	mg/kg	0.30	1	08/26/11 08:23	08/26/11 14:31	7439-92-1	
Selenium	ND	mg/kg	0.74	1	08/26/11 08:23	08/26/11 14:31	7782-49-2	
Silver	ND	mg/kg	0.50	1	08/26/11 08:23	08/26/11 14:31	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.032**	mg/kg	0.023	1	08/26/11 09:11	08/26/11 12:15	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**12.2**	%	0.10	1		08/30/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 17:54	67-64-1	
Allyl chloride	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:54	107-05-1	
Benzene	ND	mg/kg	0.023	1	08/26/11 15:52	08/27/11 17:54	71-43-2	
Bromobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	108-86-1	
Bromochloromethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	74-97-5	
Bromodichloromethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	75-27-4	
Bromoform	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:54	75-25-2	
Bromomethane	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 17:54	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 17:54	78-93-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-09 (0-2) **Lab ID: 10167571009** Collected: 08/24/11 14:20 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Butylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	56-23-5	
Chlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	108-90-7	
Chloroethane	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 17:54	75-00-3	
Chloroform	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	67-66-3	
Chloromethane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:54	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:54	96-12-8	
Dibromochloromethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	106-93-4	
Dibromomethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 17:54	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:54	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:54	60-29-7	
Ethylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.29	1	08/26/11 15:52	08/27/11 17:54	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	99-87-6	
Methylene Chloride	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.58	1	08/26/11 15:52	08/27/11 17:54	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	1634-04-4	
Naphthalene	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:54	91-20-3	
n-Propylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	103-65-1	
Styrene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	79-34-5	
Tetrachloroethene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.3	1	08/26/11 15:52	08/27/11 17:54	109-99-9	
Toluene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	108-88-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-09 (0-2) **Lab ID: 10167571009** Collected: 08/24/11 14:20 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	79-00-5	
Trichloroethene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:54	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 17:54	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.058	1	08/26/11 15:52	08/27/11 17:54	108-67-8	
Vinyl chloride	ND	mg/kg	0.023	1	08/26/11 15:52	08/27/11 17:54	75-01-4	
Xylene (Total)	ND	mg/kg	0.17	1	08/26/11 15:52	08/27/11 17:54	1330-20-7	
Dibromofluoromethane (S)	92	%	30-150	1	08/26/11 15:52	08/27/11 17:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	90	%	30-150	1	08/26/11 15:52	08/27/11 17:54	17060-07-0	
Toluene-d8 (S)	93	%	30-150	1	08/26/11 15:52	08/27/11 17:54	2037-26-5	
4-Bromofluorobenzene (S)	92	%	30-150	1	08/26/11 15:52	08/27/11 17:54	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-10 (0-2) **Lab ID: 10167571010** Collected: 08/24/11 14:30 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 21:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 21:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 21:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 21:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 21:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 21:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 21:24	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 21:24	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	mg/kg	0.037	1	08/26/11 07:02	08/26/11 21:24	11100-14-4	
Tetrachloro-m-xylene (S)	72	%	30-150	1	08/26/11 07:02	08/26/11 21:24	877-09-8	
Decachlorobiphenyl (S)	51	%	30-150	1	08/26/11 07:02	08/26/11 21:24	2051-24-3	
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**111**	mg/kg	28.8	5	08/26/11 08:03	08/29/11 15:56		T6
n-Triacontane (S)	70	%	50-150	5	08/26/11 08:03	08/29/11 15:56		D3
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.7	1	08/26/11 09:06	08/26/11 23:53		
a,a,a-Trifluorotoluene (S)	96	%	80-125	1	08/26/11 09:06	08/26/11 23:53	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**5.6**	mg/kg	0.52	1	08/26/11 08:23	08/26/11 14:37	7440-38-2	
Barium	**46.7**	mg/kg	0.52	1	08/26/11 08:23	08/26/11 14:37	7440-39-3	
Cadmium	**0.17**	mg/kg	0.052	1	08/26/11 08:23	08/26/11 14:37	7440-43-9	
Chromium	**7.5**	mg/kg	0.52	1	08/26/11 08:23	08/26/11 14:37	7440-47-3	
Lead	**10.0**	mg/kg	0.31	1	08/26/11 08:23	08/26/11 14:37	7439-92-1	
Selenium	ND	mg/kg	0.78	1	08/26/11 08:23	08/26/11 14:37	7782-49-2	
Silver	ND	mg/kg	0.52	1	08/26/11 08:23	08/26/11 14:37	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.023	1	08/26/11 09:11	08/26/11 12:17	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**11.3**	%	0.10	1		08/30/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 18:15	67-64-1	
Allyl chloride	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:15	107-05-1	
Benzene	ND	mg/kg	0.023	1	08/26/11 15:52	08/27/11 18:15	71-43-2	
Bromobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	108-86-1	
Bromochloromethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	74-97-5	
Bromodichloromethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	75-27-4	
Bromoform	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:15	75-25-2	
Bromomethane	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 18:15	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 18:15	78-93-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-10 (0-2) **Lab ID: 10167571010** Collected: 08/24/11 14:30 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Butylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	56-23-5	
Chlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	108-90-7	
Chloroethane	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 18:15	75-00-3	
Chloroform	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	67-66-3	
Chloromethane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:15	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:15	96-12-8	
Dibromochloromethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	106-93-4	
Dibromomethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 18:15	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:15	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:15	60-29-7	
Ethylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.28	1	08/26/11 15:52	08/27/11 18:15	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	99-87-6	
Methylene Chloride	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 18:15	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	1634-04-4	
Naphthalene	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:15	91-20-3	
n-Propylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	103-65-1	
Styrene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	79-34-5	
Tetrachloroethene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.3	1	08/26/11 15:52	08/27/11 18:15	109-99-9	
Toluene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	108-88-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-10 (0-2) **Lab ID: 10167571010** Collected: 08/24/11 14:30 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	79-00-5	
Trichloroethene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:15	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:15	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 18:15	108-67-8	
Vinyl chloride	ND	mg/kg	0.023	1	08/26/11 15:52	08/27/11 18:15	75-01-4	
Xylene (Total)	ND	mg/kg	0.17	1	08/26/11 15:52	08/27/11 18:15	1330-20-7	
Dibromofluoromethane (S)	103	%	30-150	1	08/26/11 15:52	08/27/11 18:15	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	30-150	1	08/26/11 15:52	08/27/11 18:15	17060-07-0	
Toluene-d8 (S)	111	%	30-150	1	08/26/11 15:52	08/27/11 18:15	2037-26-5	
4-Bromofluorobenzene (S)	110	%	30-150	1	08/26/11 15:52	08/27/11 18:15	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-11 (0-2) **Lab ID: 10167571011** Collected: 08/24/11 14:50 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.036	1	08/26/11 07:02	08/26/11 18:45	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.036	1	08/26/11 07:02	08/26/11 18:45	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.036	1	08/26/11 07:02	08/26/11 18:45	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.036	1	08/26/11 07:02	08/26/11 18:45	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.036	1	08/26/11 07:02	08/26/11 18:45	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.036	1	08/26/11 07:02	08/26/11 18:45	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.036	1	08/26/11 07:02	08/26/11 18:45	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	mg/kg	0.036	1	08/26/11 07:02	08/26/11 18:45	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	mg/kg	0.036	1	08/26/11 07:02	08/26/11 18:45	11100-14-4	
Tetrachloro-m-xylene (S)	80	%	30-150	1	08/26/11 07:02	08/26/11 18:45	877-09-8	
Decachlorobiphenyl (S)	86	%	30-150	1	08/26/11 07:02	08/26/11 18:45	2051-24-3	
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**19.2**	mg/kg	6.0	1	08/26/11 08:03	08/29/11 13:28		T6
n-Triacontane (S)	53	%	50-150	1	08/26/11 08:03	08/29/11 13:28		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.6	1	08/26/11 09:06	08/27/11 00:16		
a,a,a-Trifluorotoluene (S)	95	%	80-125	1	08/26/11 09:06	08/27/11 00:16	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.1**	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:42	7440-38-2	
Barium	**49.6**	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:42	7440-39-3	
Cadmium	**0.16**	mg/kg	0.053	1	08/26/11 08:23	08/26/11 14:42	7440-43-9	
Chromium	**8.6**	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:42	7440-47-3	
Lead	**15.6**	mg/kg	0.32	1	08/26/11 08:23	08/26/11 14:42	7439-92-1	
Selenium	**0.97**	mg/kg	0.79	1	08/26/11 08:23	08/26/11 14:42	7782-49-2	
Silver	ND	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:42	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.020	1	08/26/11 09:11	08/26/11 12:19	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**8.7**	%	0.10	1		08/30/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 14:48	67-64-1	
Allyl chloride	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 14:48	107-05-1	
Benzene	ND	mg/kg	0.022	1	08/26/11 15:52	08/27/11 14:48	71-43-2	
Bromobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	108-86-1	
Bromochloromethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	74-97-5	
Bromodichloromethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	75-27-4	
Bromoform	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 14:48	75-25-2	
Bromomethane	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 14:48	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 14:48	78-93-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-11 (0-2) **Lab ID: 10167571011** Collected: 08/24/11 14:50 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Butylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	56-23-5	
Chlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	108-90-7	
Chloroethane	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 14:48	75-00-3	
Chloroform	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	67-66-3	
Chloromethane	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 14:48	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 14:48	96-12-8	
Dibromochloromethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	106-93-4	
Dibromomethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 14:48	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 14:48	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 14:48	60-29-7	
Ethylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.28	1	08/26/11 15:52	08/27/11 14:48	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	99-87-6	
Methylene Chloride	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 14:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.56	1	08/26/11 15:52	08/27/11 14:48	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	1634-04-4	
Naphthalene	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 14:48	91-20-3	
n-Propylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	103-65-1	
Styrene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	79-34-5	
Tetrachloroethene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.2	1	08/26/11 15:52	08/27/11 14:48	109-99-9	
Toluene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	108-88-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-11 (0-2) **Lab ID: 10167571011** Collected: 08/24/11 14:50 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	79-00-5	
Trichloroethene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 14:48	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.22	1	08/26/11 15:52	08/27/11 14:48	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.056	1	08/26/11 15:52	08/27/11 14:48	108-67-8	
Vinyl chloride	ND	mg/kg	0.022	1	08/26/11 15:52	08/27/11 14:48	75-01-4	
Xylene (Total)	ND	mg/kg	0.17	1	08/26/11 15:52	08/27/11 14:48	1330-20-7	
Dibromofluoromethane (S)	124	%	30-150	1	08/26/11 15:52	08/27/11 14:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	128	%	30-150	1	08/26/11 15:52	08/27/11 14:48	17060-07-0	
Toluene-d8 (S)	115	%	30-150	1	08/26/11 15:52	08/27/11 14:48	2037-26-5	
4-Bromofluorobenzene (S)	117	%	30-150	1	08/26/11 15:52	08/27/11 14:48	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-12 (0-2) **Lab ID: 10167571012** Collected: 08/24/11 12:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.038	1	08/26/11 07:02	08/26/11 19:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.038	1	08/26/11 07:02	08/26/11 19:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.038	1	08/26/11 07:02	08/26/11 19:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.038	1	08/26/11 07:02	08/26/11 19:01	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.038	1	08/26/11 07:02	08/26/11 19:01	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.038	1	08/26/11 07:02	08/26/11 19:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.038	1	08/26/11 07:02	08/26/11 19:01	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	mg/kg	0.038	1	08/26/11 07:02	08/26/11 19:01	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	mg/kg	0.038	1	08/26/11 07:02	08/26/11 19:01	11100-14-4	
Tetrachloro-m-xylene (S)	83	%	30-150	1	08/26/11 07:02	08/26/11 19:01	877-09-8	
Decachlorobiphenyl (S)	76	%	30-150	1	08/26/11 07:02	08/26/11 19:01	2051-24-3	
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	ND	mg/kg	5.5	1	08/26/11 08:03	08/29/11 13:20		
n-Triacontane (S)	63	%	50-150	1	08/26/11 08:03	08/29/11 13:20		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.9	1	08/26/11 09:06	08/27/11 00:40		
a,a,a-Trifluorotoluene (S)	99	%	80-125	1	08/26/11 09:06	08/27/11 00:40	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.2**	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:47	7440-38-2	
Barium	**66.6**	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:47	7440-39-3	
Cadmium	**0.13**	mg/kg	0.053	1	08/26/11 08:23	08/26/11 14:47	7440-43-9	
Chromium	**10.3**	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:47	7440-47-3	
Lead	**15.9**	mg/kg	0.32	1	08/26/11 08:23	08/26/11 14:47	7439-92-1	
Selenium	**1.9**	mg/kg	0.80	1	08/26/11 08:23	08/26/11 14:47	7782-49-2	
Silver	ND	mg/kg	0.53	1	08/26/11 08:23	08/26/11 14:47	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	**0.072**	mg/kg	0.023	1	08/26/11 09:11	08/26/11 12:30	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**14.3**	%	0.10	1		08/30/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.57	1	08/26/11 15:52	08/27/11 18:35	67-64-1	
Allyl chloride	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:35	107-05-1	
Benzene	ND	mg/kg	0.023	1	08/26/11 15:52	08/27/11 18:35	71-43-2	
Bromobenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	108-86-1	
Bromochloromethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	74-97-5	
Bromodichloromethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	75-27-4	
Bromoform	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:35	75-25-2	
Bromomethane	ND	mg/kg	0.57	1	08/26/11 15:52	08/27/11 18:35	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.57	1	08/26/11 15:52	08/27/11 18:35	78-93-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-12 (0-2) **Lab ID: 10167571012** Collected: 08/24/11 12:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Butylbenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	56-23-5	
Chlorobenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	108-90-7	
Chloroethane	ND	mg/kg	0.57	1	08/26/11 15:52	08/27/11 18:35	75-00-3	
Chloroform	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	67-66-3	
Chloromethane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:35	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:35	96-12-8	
Dibromochloromethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	106-93-4	
Dibromomethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.57	1	08/26/11 15:52	08/27/11 18:35	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:35	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:35	60-29-7	
Ethylbenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.29	1	08/26/11 15:52	08/27/11 18:35	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	99-87-6	
Methylene Chloride	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.57	1	08/26/11 15:52	08/27/11 18:35	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	1634-04-4	
Naphthalene	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:35	91-20-3	
n-Propylbenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	103-65-1	
Styrene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	79-34-5	
Tetrachloroethene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.3	1	08/26/11 15:52	08/27/11 18:35	109-99-9	
Toluene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	108-88-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-12 (0-2) **Lab ID: 10167571012** Collected: 08/24/11 12:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichlorobenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	79-00-5	
Trichloroethene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:35	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.23	1	08/26/11 15:52	08/27/11 18:35	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.057	1	08/26/11 15:52	08/27/11 18:35	108-67-8	
Vinyl chloride	ND	mg/kg	0.023	1	08/26/11 15:52	08/27/11 18:35	75-01-4	
Xylene (Total)	ND	mg/kg	0.17	1	08/26/11 15:52	08/27/11 18:35	1330-20-7	
Dibromofluoromethane (S)	117	%	30-150	1	08/26/11 15:52	08/27/11 18:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	117	%	30-150	1	08/26/11 15:52	08/27/11 18:35	17060-07-0	
Toluene-d8 (S)	115	%	30-150	1	08/26/11 15:52	08/27/11 18:35	2037-26-5	
4-Bromofluorobenzene (S)	118	%	30-150	1	08/26/11 15:52	08/27/11 18:35	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-13 (0-2) **Lab ID: 10167571013** Collected: 08/24/11 16:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:17	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:17	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:17	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:17	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:17	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:17	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:17	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:17	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:17	11100-14-4	
Tetrachloro-m-xylene (S)	67	%	30-150	1	08/26/11 07:02	08/26/11 19:17	877-09-8	
Decachlorobiphenyl (S)	71	%	30-150	1	08/26/11 07:02	08/26/11 19:17	2051-24-3	
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**17.0**	mg/kg	5.0	1	08/26/11 08:03	08/29/11 13:35		T6
n-Triacontane (S)	58	%	50-150	1	08/26/11 08:03	08/29/11 13:35		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.4	1	08/26/11 09:06	08/27/11 01:03		
a,a,a-Trifluorotoluene (S)	95	%	80-125	1	08/26/11 09:06	08/27/11 01:03	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**4.4**	mg/kg	0.54	1	08/26/11 08:23	08/26/11 14:53	7440-38-2	
Barium	**18.8**	mg/kg	0.54	1	08/26/11 08:23	08/26/11 14:53	7440-39-3	
Cadmium	**0.31**	mg/kg	0.054	1	08/26/11 08:23	08/26/11 14:53	7440-43-9	
Chromium	**5.9**	mg/kg	0.54	1	08/26/11 08:23	08/26/11 14:53	7440-47-3	
Lead	**6.8**	mg/kg	0.32	1	08/26/11 08:23	08/26/11 14:53	7439-92-1	
Selenium	ND	mg/kg	0.81	1	08/26/11 08:23	08/26/11 14:53	7782-49-2	
Silver	ND	mg/kg	0.54	1	08/26/11 08:23	08/26/11 14:53	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.021	1	08/26/11 09:11	08/26/11 12:32	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**7.0**	%	0.10	1		08/30/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 18:56	67-64-1	
Allyl chloride	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 18:56	107-05-1	
Benzene	ND	mg/kg	0.021	1	08/26/11 15:52	08/27/11 18:56	71-43-2	
Bromobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	108-86-1	
Bromochloromethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	74-97-5	
Bromodichloromethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	75-27-4	
Bromoform	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 18:56	75-25-2	
Bromomethane	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 18:56	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 18:56	78-93-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-13 (0-2) **Lab ID: 10167571013** Collected: 08/24/11 16:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Butylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	56-23-5	
Chlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	108-90-7	
Chloroethane	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 18:56	75-00-3	
Chloroform	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	67-66-3	
Chloromethane	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 18:56	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 18:56	96-12-8	
Dibromochloromethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	106-93-4	
Dibromomethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 18:56	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 18:56	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 18:56	60-29-7	
Ethylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.26	1	08/26/11 15:52	08/27/11 18:56	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	99-87-6	
Methylene Chloride	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 18:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 18:56	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	1634-04-4	
Naphthalene	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 18:56	91-20-3	
n-Propylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	103-65-1	
Styrene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	79-34-5	
Tetrachloroethene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.1	1	08/26/11 15:52	08/27/11 18:56	109-99-9	
Toluene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	108-88-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-13 (0-2) **Lab ID: 10167571013** Collected: 08/24/11 16:00 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	79-00-5	
Trichloroethene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 18:56	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 18:56	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 18:56	108-67-8	
Vinyl chloride	ND	mg/kg	0.021	1	08/26/11 15:52	08/27/11 18:56	75-01-4	
Xylene (Total)	ND	mg/kg	0.16	1	08/26/11 15:52	08/27/11 18:56	1330-20-7	
Dibromofluoromethane (S)	106	%	30-150	1	08/26/11 15:52	08/27/11 18:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	30-150	1	08/26/11 15:52	08/27/11 18:56	17060-07-0	
Toluene-d8 (S)	106	%	30-150	1	08/26/11 15:52	08/27/11 18:56	2037-26-5	
4-Bromofluorobenzene (S)	108	%	30-150	1	08/26/11 15:52	08/27/11 18:56	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-14 (0-2) **Lab ID: 10167571014** Collected: 08/24/11 16:30 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3550							
PCB-1016 (Aroclor 1016)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:33	11096-82-5	
PCB-1262 (Aroclor 1262)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:33	37324-23-5	
PCB-1268 (Aroclor 1268)	ND	mg/kg	0.035	1	08/26/11 07:02	08/26/11 19:33	11100-14-4	
Tetrachloro-m-xylene (S)	74	%	30-150	1	08/26/11 07:02	08/26/11 19:33	877-09-8	
Decachlorobiphenyl (S)	73	%	30-150	1	08/26/11 07:02	08/26/11 19:33	2051-24-3	
WIDRO GCS	Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO							
Diesel Range Organics	**5.9**	mg/kg	4.9	1	08/26/11 08:03	08/29/11 14:29		T6
n-Triacontane (S)	63	%	50-150	1	08/26/11 08:03	08/29/11 14:29		
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.							
Gasoline Range Organics	ND	mg/kg	3.4	1	08/26/11 09:06	08/27/11 01:27		
a,a,a-Trifluorotoluene (S)	95	%	80-125	1	08/26/11 09:06	08/27/11 01:27	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	**3.2**	mg/kg	0.45	1	08/26/11 08:23	08/26/11 14:59	7440-38-2	
Barium	**19.4**	mg/kg	0.45	1	08/26/11 08:23	08/26/11 14:59	7440-39-3	
Cadmium	**0.18**	mg/kg	0.045	1	08/26/11 08:23	08/26/11 14:59	7440-43-9	
Chromium	**5.8**	mg/kg	0.45	1	08/26/11 08:23	08/26/11 14:59	7440-47-3	
Lead	**8.5**	mg/kg	0.27	1	08/26/11 08:23	08/26/11 14:59	7439-92-1	
Selenium	ND	mg/kg	0.68	1	08/26/11 08:23	08/26/11 14:59	7782-49-2	
Silver	ND	mg/kg	0.45	1	08/26/11 08:23	08/26/11 14:59	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND	mg/kg	0.020	1	08/26/11 09:11	08/26/11 12:41	7439-97-6	
Dry Weight	Analytical Method: % Moisture							
Percent Moisture	**5.1**	%	0.10	1		08/30/11 00:00		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 19:17	67-64-1	
Allyl chloride	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 19:17	107-05-1	
Benzene	ND	mg/kg	0.021	1	08/26/11 15:52	08/27/11 19:17	71-43-2	
Bromobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	108-86-1	
Bromochloromethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	74-97-5	
Bromodichloromethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	75-27-4	
Bromoform	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 19:17	75-25-2	
Bromomethane	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 19:17	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 19:17	78-93-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-14 (0-2) **Lab ID: 10167571014** Collected: 08/24/11 16:30 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
n-Butylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	56-23-5	
Chlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	108-90-7	
Chloroethane	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 19:17	75-00-3	
Chloroform	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	67-66-3	
Chloromethane	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 19:17	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 19:17	96-12-8	
Dibromochloromethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	106-93-4	
Dibromomethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 19:17	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 19:17	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 19:17	60-29-7	
Ethylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.27	1	08/26/11 15:52	08/27/11 19:17	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	99-87-6	
Methylene Chloride	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 19:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.53	1	08/26/11 15:52	08/27/11 19:17	108-10-1	
Methyl-tert-butyl ether	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	1634-04-4	
Naphthalene	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 19:17	91-20-3	
n-Propylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	103-65-1	
Styrene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	79-34-5	
Tetrachloroethene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.1	1	08/26/11 15:52	08/27/11 19:17	109-99-9	
Toluene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	108-88-3	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: SB-14 (0-2) **Lab ID: 10167571014** Collected: 08/24/11 16:30 Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
1,2,3-Trichlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	79-00-5	
Trichloroethene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 19:17	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.21	1	08/26/11 15:52	08/27/11 19:17	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.053	1	08/26/11 15:52	08/27/11 19:17	108-67-8	
Vinyl chloride	ND	mg/kg	0.021	1	08/26/11 15:52	08/27/11 19:17	75-01-4	
Xylene (Total)	ND	mg/kg	0.16	1	08/26/11 15:52	08/27/11 19:17	1330-20-7	
Dibromofluoromethane (S)	113	%	30-150	1	08/26/11 15:52	08/27/11 19:17	1868-53-7	
1,2-Dichloroethane-d4 (S)	115	%	30-150	1	08/26/11 15:52	08/27/11 19:17	17060-07-0	
Toluene-d8 (S)	110	%	30-150	1	08/26/11 15:52	08/27/11 19:17	2037-26-5	
4-Bromofluorobenzene (S)	110	%	30-150	1	08/26/11 15:52	08/27/11 19:17	460-00-4	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: Meoh Blank **Lab ID: 10167571015** Collected: Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Acetone	ND	mg/kg	0.50	1	08/26/11 15:52	08/27/11 14:07	67-64-1	
Allyl chloride	ND	mg/kg	0.20	1	08/26/11 15:52	08/27/11 14:07	107-05-1	
Benzene	ND	mg/kg	0.020	1	08/26/11 15:52	08/27/11 14:07	71-43-2	
Bromobenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	108-86-1	
Bromochloromethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	74-97-5	
Bromodichloromethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	75-27-4	
Bromoform	ND	mg/kg	0.20	1	08/26/11 15:52	08/27/11 14:07	75-25-2	
Bromomethane	ND	mg/kg	0.50	1	08/26/11 15:52	08/27/11 14:07	74-83-9	
2-Butanone (MEK)	ND	mg/kg	0.50	1	08/26/11 15:52	08/27/11 14:07	78-93-3	
n-Butylbenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	104-51-8	
sec-Butylbenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	135-98-8	
tert-Butylbenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	98-06-6	
Carbon tetrachloride	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	56-23-5	
Chlorobenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	108-90-7	
Chloroethane	ND	mg/kg	0.50	1	08/26/11 15:52	08/27/11 14:07	75-00-3	
Chloroform	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	67-66-3	
Chloromethane	ND	mg/kg	0.20	1	08/26/11 15:52	08/27/11 14:07	74-87-3	
2-Chlorotoluene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	95-49-8	
4-Chlorotoluene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.20	1	08/26/11 15:52	08/27/11 14:07	96-12-8	
Dibromochloromethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	106-93-4	
Dibromomethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	74-95-3	
1,2-Dichlorobenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	95-50-1	
1,3-Dichlorobenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	541-73-1	
1,4-Dichlorobenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	106-46-7	
Dichlorodifluoromethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	75-71-8	
1,1-Dichloroethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	75-34-3	
1,2-Dichloroethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	107-06-2	
1,1-Dichloroethene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	75-35-4	
cis-1,2-Dichloroethene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	156-59-2	
trans-1,2-Dichloroethene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	156-60-5	
Dichlorofluoromethane	ND	mg/kg	0.50	1	08/26/11 15:52	08/27/11 14:07	75-43-4	
1,2-Dichloropropane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	78-87-5	
1,3-Dichloropropane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	142-28-9	
2,2-Dichloropropane	ND	mg/kg	0.20	1	08/26/11 15:52	08/27/11 14:07	594-20-7	
1,1-Dichloropropene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	563-58-6	
cis-1,3-Dichloropropene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	10061-01-5	
trans-1,3-Dichloropropene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	10061-02-6	
Diethyl ether (Ethyl ether)	ND	mg/kg	0.20	1	08/26/11 15:52	08/27/11 14:07	60-29-7	
Ethylbenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	100-41-4	
Hexachloro-1,3-butadiene	ND	mg/kg	0.25	1	08/26/11 15:52	08/27/11 14:07	87-68-3	
Isopropylbenzene (Cumene)	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	98-82-8	
p-Isopropyltoluene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	99-87-6	
Methylene Chloride	ND	mg/kg	0.20	1	08/26/11 15:52	08/27/11 14:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	mg/kg	0.50	1	08/26/11 15:52	08/27/11 14:07	108-10-1	

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ANALYTICAL RESULTS

Project: UR Savage, MN
Pace Project No.: 10167571

Sample: Meoh Blank **Lab ID: 10167571015** Collected: Received: 08/25/11 13:04 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Methyl-tert-butyl ether	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	1634-04-4	
Naphthalene	ND	mg/kg	0.20	1	08/26/11 15:52	08/27/11 14:07	91-20-3	
n-Propylbenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	103-65-1	
Styrene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	79-34-5	
Tetrachloroethene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	127-18-4	
Tetrahydrofuran	ND	mg/kg	2.0	1	08/26/11 15:52	08/27/11 14:07	109-99-9	
Toluene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	108-88-3	
1,2,3-Trichlorobenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	87-61-6	
1,2,4-Trichlorobenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	120-82-1	
1,1,1-Trichloroethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	71-55-6	
1,1,2-Trichloroethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	79-00-5	
Trichloroethene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	79-01-6	
Trichlorofluoromethane	ND	mg/kg	0.20	1	08/26/11 15:52	08/27/11 14:07	75-69-4	
1,2,3-Trichloropropane	ND	mg/kg	0.20	1	08/26/11 15:52	08/27/11 14:07	96-18-4	
1,1,2-Trichlorotrifluoroethane	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	76-13-1	
1,2,4-Trimethylbenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	95-63-6	
1,3,5-Trimethylbenzene	ND	mg/kg	0.050	1	08/26/11 15:52	08/27/11 14:07	108-67-8	
Vinyl chloride	ND	mg/kg	0.020	1	08/26/11 15:52	08/27/11 14:07	75-01-4	
Xylene (Total)	ND	mg/kg	0.15	1	08/26/11 15:52	08/27/11 14:07	1330-20-7	
Dibromofluoromethane (S)	104	%	30-150	1	08/26/11 15:52	08/27/11 14:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	30-150	1	08/26/11 15:52	08/27/11 14:07	17060-07-0	
Toluene-d8 (S)	97	%	30-150	1	08/26/11 15:52	08/27/11 14:07	2037-26-5	
4-Bromofluorobenzene (S)	97	%	30-150	1	08/26/11 15:52	08/27/11 14:07	460-00-4	

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

QC Batch: OEXT/16461 Analysis Method: EPA 8082
QC Batch Method: EPA 3550 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014

METHOD BLANK: 1041538 Matrix: Solid
Associated Lab Samples: 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	mg/kg	ND	0.033	08/26/11 17:09	
PCB-1221 (Aroclor 1221)	mg/kg	ND	0.033	08/26/11 17:09	
PCB-1232 (Aroclor 1232)	mg/kg	ND	0.033	08/26/11 17:09	
PCB-1242 (Aroclor 1242)	mg/kg	ND	0.033	08/26/11 17:09	
PCB-1248 (Aroclor 1248)	mg/kg	ND	0.033	08/26/11 17:09	
PCB-1254 (Aroclor 1254)	mg/kg	ND	0.033	08/26/11 17:09	
PCB-1260 (Aroclor 1260)	mg/kg	ND	0.033	08/26/11 17:09	
PCB-1262 (Aroclor 1262)	mg/kg	ND	0.033	08/26/11 17:09	
PCB-1268 (Aroclor 1268)	mg/kg	ND	0.033	08/26/11 17:09	
Decachlorobiphenyl (S)	%	89	30-150	08/26/11 17:09	
Tetrachloro-m-xylene (S)	%	94	30-150	08/26/11 17:09	

LABORATORY CONTROL SAMPLE: 1041539

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	mg/kg	.67	0.50	75	68-125	
PCB-1260 (Aroclor 1260)	mg/kg	.67	0.52	77	70-125	
Decachlorobiphenyl (S)	%			97	30-150	
Tetrachloro-m-xylene (S)	%			84	30-150	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1041540 1041541

Parameter	Units	10167571007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	mg/kg	ND	.84	.83	0.69	0.67	83	81	55-128	3	30	
PCB-1260 (Aroclor 1260)	mg/kg	ND	.84	.83	0.69	0.65	82	78	30-149	6	30	
Decachlorobiphenyl (S)	%						67	67	30-150			
Tetrachloro-m-xylene (S)	%						76	83	30-150			

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

QC Batch: OEXT/16462 Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS
Associated Lab Samples: 10167571001, 10167571002, 10167571003, 10167571004, 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014

METHOD BLANK: 1041592 Matrix: Solid
Associated Lab Samples: 10167571001, 10167571002, 10167571003, 10167571004, 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	ND	5.0	08/29/11 12:26	
n-Triacontane (S)	%	70	50-150	08/29/11 12:26	

LABORATORY CONTROL SAMPLE & LCSD: 1041593 1041594

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	80	58.1	63.5	73	79	70-120	9	20	
n-Triacontane (S)	%				59	52	50-150			

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

QC Batch: GCV/8327 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 10167571001, 10167571002, 10167571003, 10167571004, 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013

METHOD BLANK: 1041642 Matrix: Solid
Associated Lab Samples: 10167571001, 10167571002, 10167571003, 10167571004, 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.0	08/26/11 17:35	
a,a,a-Trifluorotoluene (S)	%	93	80-125	08/26/11 17:35	

LABORATORY CONTROL SAMPLE & LCSD: 1041643 1041644

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	50	55.3	55.0	111	110	80-120	.5	20	
a,a,a-Trifluorotoluene (S)	%				94	94	80-125			

MATRIX SPIKE SAMPLE: 1041645

Parameter	Units	10167610001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	23.5	30.7	52.0	93	80-120	
a,a,a-Trifluorotoluene (S)	%				94	80-125	

SAMPLE DUPLICATE: 1041646

Parameter	Units	10167610002 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	21.1	22.0	4	20	
a,a,a-Trifluorotoluene (S)	%	94	94	2		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

QC Batch: MPRP/28000 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014

METHOD BLANK: 1041185 Matrix: Solid
Associated Lab Samples: 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.50	08/26/11 13:20	
Barium	mg/kg	ND	0.50	08/26/11 13:20	
Cadmium	mg/kg	ND	0.050	08/26/11 13:20	
Chromium	mg/kg	ND	0.50	08/26/11 13:20	
Lead	mg/kg	ND	0.30	08/26/11 13:20	
Selenium	mg/kg	ND	0.74	08/26/11 13:20	
Silver	mg/kg	ND	0.50	08/26/11 13:20	

LABORATORY CONTROL SAMPLE: 1041186

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	45.5	39.5	87	80-120	
Barium	mg/kg	45.5	42.3	93	80-120	
Cadmium	mg/kg	45.5	40.3	89	80-120	
Chromium	mg/kg	45.5	42.7	94	80-120	
Lead	mg/kg	45.5	40.6	89	80-120	
Selenium	mg/kg	45.5	38.3	84	80-120	
Silver	mg/kg	22.7	20.7	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1041187 1041188

Parameter	Units	10167133021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	1.3	50.6	51.6	44.1	43.5	85	82	75-125	1	30	
Barium	mg/kg	33.0	50.6	51.6	75.2	86.7	83	104	75-125	14	30	
Cadmium	mg/kg	0.19	50.6	51.6	43.6	43.1	86	83	75-125	1	30	
Chromium	mg/kg	6.6	50.6	51.6	50.3	49.1	86	82	75-125	2	30	
Lead	mg/kg	11.0	50.6	51.6	51.5	51.2	80	78	75-125	.7	30	
Selenium	mg/kg	1.9	50.6	51.6	43.2	42.9	82	79	75-125	.7	30	
Silver	mg/kg	<0.43	25.3	25.8	22.1	21.9	87	85	75-125	1	30	

MATRIX SPIKE SAMPLE: 1041189

Parameter	Units	10167571014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	3.2	48.8	47.7	91	75-125	
Barium	mg/kg	19.4	48.8	61.0	85	75-125	
Cadmium	mg/kg	0.18	48.8	44.5	91	75-125	

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

MATRIX SPIKE SAMPLE: 1041189

Parameter	Units	10167571014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/kg	5.8	48.8	48.7	88	75-125	
Lead	mg/kg	8.5	48.8	50.2	85	75-125	
Selenium	mg/kg	ND	48.8	43.6	89	75-125	
Silver	mg/kg	ND	24.3	22.9	94	75-125	

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

QC Batch: MERP/5875 Analysis Method: EPA 7471
QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
Associated Lab Samples: 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014

METHOD BLANK: 1041547 Matrix: Solid
Associated Lab Samples: 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.020	08/26/11 11:54	

LABORATORY CONTROL SAMPLE: 1041548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.49	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1041549 1041550

Parameter	Units	10167571005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	ND	.54	.49	0.52	0.48	94	97	80-120	6	20	

MATRIX SPIKE SAMPLE: 1041551

Parameter	Units	10167502025 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	ND	.48	0.62	128	80-120	M1

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

QC Batch: MPRP/28017 Analysis Method: % Moisture
QC Batch Method: % Moisture Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 10167571001, 10167571002, 10167571003, 10167571004

SAMPLE DUPLICATE: 1041656

Parameter	Units	10167135001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.6	13.7	1	30	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

QC Batch: MPRP/28084 Analysis Method: % Moisture
QC Batch Method: % Moisture Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014

SAMPLE DUPLICATE: 1044234

Parameter	Units	10166953001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	ND	ND		30	

SAMPLE DUPLICATE: 1044277

Parameter	Units	10166549085 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	39.3	39.7	1	30	

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

QC Batch: MSV/17775 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV 5030 Med Level
Associated Lab Samples: 10167571001, 10167571002, 10167571003, 10167571004, 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014, 10167571015

METHOD BLANK: 1042357 Matrix: Solid
Associated Lab Samples: 10167571001, 10167571002, 10167571003, 10167571004, 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014, 10167571015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	0.050	08/27/11 13:25	
1,1,1-Trichloroethane	mg/kg	ND	0.050	08/27/11 13:25	
1,1,2,2-Tetrachloroethane	mg/kg	ND	0.050	08/27/11 13:25	
1,1,2-Trichloroethane	mg/kg	ND	0.050	08/27/11 13:25	
1,1,2-Trichlorotrifluoroethane	mg/kg	ND	0.050	08/27/11 13:25	
1,1-Dichloroethane	mg/kg	ND	0.050	08/27/11 13:25	
1,1-Dichloroethene	mg/kg	ND	0.050	08/27/11 13:25	
1,1-Dichloropropene	mg/kg	ND	0.050	08/27/11 13:25	
1,2,3-Trichlorobenzene	mg/kg	ND	0.050	08/27/11 13:25	
1,2,3-Trichloropropane	mg/kg	ND	0.20	08/27/11 13:25	
1,2,4-Trichlorobenzene	mg/kg	ND	0.050	08/27/11 13:25	
1,2,4-Trimethylbenzene	mg/kg	ND	0.050	08/27/11 13:25	
1,2-Dibromo-3-chloropropane	mg/kg	ND	0.20	08/27/11 13:25	
1,2-Dibromoethane (EDB)	mg/kg	ND	0.050	08/27/11 13:25	
1,2-Dichlorobenzene	mg/kg	ND	0.050	08/27/11 13:25	
1,2-Dichloroethane	mg/kg	ND	0.050	08/27/11 13:25	
1,2-Dichloropropane	mg/kg	ND	0.050	08/27/11 13:25	
1,3,5-Trimethylbenzene	mg/kg	ND	0.050	08/27/11 13:25	
1,3-Dichlorobenzene	mg/kg	ND	0.050	08/27/11 13:25	
1,3-Dichloropropane	mg/kg	ND	0.050	08/27/11 13:25	
1,4-Dichlorobenzene	mg/kg	ND	0.050	08/27/11 13:25	
2,2-Dichloropropane	mg/kg	ND	0.20	08/27/11 13:25	
2-Butanone (MEK)	mg/kg	ND	0.50	08/27/11 13:25	
2-Chlorotoluene	mg/kg	ND	0.050	08/27/11 13:25	
4-Chlorotoluene	mg/kg	ND	0.050	08/27/11 13:25	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	0.50	08/27/11 13:25	
Acetone	mg/kg	ND	0.50	08/27/11 13:25	
Allyl chloride	mg/kg	ND	0.20	08/27/11 13:25	
Benzene	mg/kg	ND	0.020	08/27/11 13:25	
Bromobenzene	mg/kg	ND	0.050	08/27/11 13:25	
Bromochloromethane	mg/kg	ND	0.050	08/27/11 13:25	
Bromodichloromethane	mg/kg	ND	0.050	08/27/11 13:25	
Bromoform	mg/kg	ND	0.20	08/27/11 13:25	
Bromomethane	mg/kg	ND	0.50	08/27/11 13:25	
Carbon tetrachloride	mg/kg	ND	0.050	08/27/11 13:25	
Chlorobenzene	mg/kg	ND	0.050	08/27/11 13:25	
Chloroethane	mg/kg	ND	0.50	08/27/11 13:25	
Chloroform	mg/kg	ND	0.050	08/27/11 13:25	
Chloromethane	mg/kg	ND	0.20	08/27/11 13:25	

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

METHOD BLANK: 1042357 Matrix: Solid

Associated Lab Samples: 10167571001, 10167571002, 10167571003, 10167571004, 10167571005, 10167571006, 10167571007, 10167571008, 10167571009, 10167571010, 10167571011, 10167571012, 10167571013, 10167571014, 10167571015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	mg/kg	ND	0.050	08/27/11 13:25	
cis-1,3-Dichloropropene	mg/kg	ND	0.050	08/27/11 13:25	
Dibromochloromethane	mg/kg	ND	0.050	08/27/11 13:25	
Dibromomethane	mg/kg	ND	0.050	08/27/11 13:25	
Dichlorodifluoromethane	mg/kg	ND	0.050	08/27/11 13:25	
Dichlorofluoromethane	mg/kg	ND	0.50	08/27/11 13:25	
Diethyl ether (Ethyl ether)	mg/kg	ND	0.20	08/27/11 13:25	
Ethylbenzene	mg/kg	ND	0.050	08/27/11 13:25	
Hexachloro-1,3-butadiene	mg/kg	ND	0.25	08/27/11 13:25	
Isopropylbenzene (Cumene)	mg/kg	ND	0.050	08/27/11 13:25	
Methyl-tert-butyl ether	mg/kg	ND	0.050	08/27/11 13:25	
Methylene Chloride	mg/kg	ND	0.20	08/27/11 13:25	
n-Butylbenzene	mg/kg	ND	0.050	08/27/11 13:25	
n-Propylbenzene	mg/kg	ND	0.050	08/27/11 13:25	
Naphthalene	mg/kg	ND	0.20	08/27/11 13:25	
p-Isopropyltoluene	mg/kg	ND	0.050	08/27/11 13:25	
sec-Butylbenzene	mg/kg	ND	0.050	08/27/11 13:25	
Styrene	mg/kg	ND	0.050	08/27/11 13:25	
tert-Butylbenzene	mg/kg	ND	0.050	08/27/11 13:25	
Tetrachloroethene	mg/kg	ND	0.050	08/27/11 13:25	
Tetrahydrofuran	mg/kg	ND	2.0	08/27/11 13:25	
Toluene	mg/kg	ND	0.050	08/27/11 13:25	
trans-1,2-Dichloroethene	mg/kg	ND	0.050	08/27/11 13:25	
trans-1,3-Dichloropropene	mg/kg	ND	0.050	08/27/11 13:25	
Trichloroethene	mg/kg	ND	0.050	08/27/11 13:25	
Trichlorofluoromethane	mg/kg	ND	0.20	08/27/11 13:25	
Vinyl chloride	mg/kg	ND	0.020	08/27/11 13:25	
Xylene (Total)	mg/kg	ND	0.15	08/27/11 13:25	
1,2-Dichloroethane-d4 (S)	%	121	30-150	08/27/11 13:25	
4-Bromofluorobenzene (S)	%	116	30-150	08/27/11 13:25	
Dibromofluoromethane (S)	%	122	30-150	08/27/11 13:25	
Toluene-d8 (S)	%	117	30-150	08/27/11 13:25	

LABORATORY CONTROL SAMPLE & LCSD: 1042358 1042359

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	1	1.0	1.1	103	109	75-125	6	20	
1,1,1-Trichloroethane	mg/kg	1	1.0	1.0	101	102	75-126	1	20	
1,1,2,2-Tetrachloroethane	mg/kg	1	0.95	1.1	95	107	75-125	12	20	
1,1,2-Trichloroethane	mg/kg	1	0.98	1.1	98	112	75-125	13	20	
1,1,2-Trichlorotrifluoroethane	mg/kg	1	0.87	1.0	87	102	62-150	16	20	
1,1-Dichloroethane	mg/kg	1	1.0	1.1	102	105	75-130	3	20	
1,1-Dichloroethene	mg/kg	1	0.99	1.0	99	103	67-142	4	20	
1,1-Dichloropropene	mg/kg	1	0.92	0.98	92	98	73-136	6	20	

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

LABORATORY CONTROL SAMPLE & LCSD:		1042358	1042359							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,3-Trichlorobenzene	mg/kg	1	0.97	1.1	97	106	75-125	9	20	
1,2,3-Trichloropropane	mg/kg	1	0.96	1.0	96	103	75-125	8	20	
1,2,4-Trichlorobenzene	mg/kg	1	0.84	0.95	84	95	75-125	12	20	
1,2,4-Trimethylbenzene	mg/kg	1	0.86	0.97	86	97	75-125	12	20	
1,2-Dibromo-3-chloropropane	mg/kg	1	0.99	1.1	99	107	66-125	7	20	
1,2-Dibromoethane (EDB)	mg/kg	1	1.0	1.0	101	104	75-125	4	20	
1,2-Dichlorobenzene	mg/kg	1	0.99	1.1	99	111	75-125	11	20	
1,2-Dichloroethane	mg/kg	1	1.1	1.1	107	108	75-125	1	20	
1,2-Dichloropropane	mg/kg	1	0.97	1.0	97	103	75-126	6	20	
1,3,5-Trimethylbenzene	mg/kg	1	0.88	0.98	88	98	75-125	10	20	
1,3-Dichlorobenzene	mg/kg	1	1.0	1.1	104	113	75-125	8	20	
1,3-Dichloropropane	mg/kg	1	1.0	1.1	103	112	75-125	8	20	
1,4-Dichlorobenzene	mg/kg	1	1.0	1.1	100	109	75-125	9	20	
2,2-Dichloropropane	mg/kg	1	1.0	1.0	100	103	43-137	3	20	
2-Butanone (MEK)	mg/kg	1	1.2	1.1	120	110	63-129	9	20	
2-Chlorotoluene	mg/kg	1	0.91	0.98	91	98	75-125	7	20	
4-Chlorotoluene	mg/kg	1	0.93	1.0	93	102	75-125	9	20	
4-Methyl-2-pentanone (MIBK)	mg/kg	1	0.98	1.1	98	108	70-125	10	20	
Acetone	mg/kg	2.5	3.1	2.8	124	110	64-138	12	20	
Allyl chloride	mg/kg	1	0.97	1.0	97	105	73-134	8	20	
Benzene	mg/kg	1	0.97	1.0	97	101	75-125	5	20	
Bromobenzene	mg/kg	1	1.0	1.1	101	113	75-125	11	20	
Bromochloromethane	mg/kg	1	1.0	1.0	100	100	75-129	.006	20	
Bromodichloromethane	mg/kg	1	1.1	1.2	109	115	75-125	5	20	
Bromoform	mg/kg	1	1.0	1.1	103	111	62-125	7	20	
Bromomethane	mg/kg	1	1.1	1.1	105	109	53-150	4	20	
Carbon tetrachloride	mg/kg	1	1.1	1.0	106	105	72-127	1	20	
Chlorobenzene	mg/kg	1	1.0	1.1	101	109	75-125	8	20	
Chloroethane	mg/kg	1	1.2	1.2	121	116	36-150	4	20	
Chloroform	mg/kg	1	0.97	1.0	97	101	75-126	4	20	
Chloromethane	mg/kg	1	0.97	0.93	97	93	57-140	4	20	
cis-1,2-Dichloroethene	mg/kg	1	0.92	0.95	92	95	75-131	2	20	
cis-1,3-Dichloropropene	mg/kg	1	1.1	1.1	106	113	75-125	6	20	
Dibromochloromethane	mg/kg	1	0.99	1.1	99	108	75-125	9	20	
Dibromomethane	mg/kg	1	1.1	1.1	108	110	75-125	2	20	
Dichlorodifluoromethane	mg/kg	1	0.87	0.99	87	99	30-150	13	20	
Dichlorofluoromethane	mg/kg	1	1.2	1.1	122	114	72-133	6	20	
Diethyl ether (Ethyl ether)	mg/kg	1	1.1	1.0	106	100	59-150	6	20	
Ethylbenzene	mg/kg	1	1.0	1.1	104	112	75-129	8	20	
Hexachloro-1,3-butadiene	mg/kg	.5	0.43	0.51	85	103	69-137	19	20	
Isopropylbenzene (Cumene)	mg/kg	1	0.87	0.94	87	94	75-130	8	20	
Methyl-tert-butyl ether	mg/kg	1	1.0	1.1	101	105	73-128	4	20	
Methylene Chloride	mg/kg	1	1.0	1.0	102	103	68-128	.7	20	
n-Butylbenzene	mg/kg	1	0.84	0.94	84	94	75-128	12	20	
n-Propylbenzene	mg/kg	1	0.85	0.95	85	95	75-126	12	20	
Naphthalene	mg/kg	1	0.86	0.93	86	93	75-125	8	20	
p-Isopropyltoluene	mg/kg	1	0.84	0.94	84	94	75-125	11	20	
sec-Butylbenzene	mg/kg	1	0.85	0.92	85	92	75-128	9	20	

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

LABORATORY CONTROL SAMPLE & LCSD: 1042358 1042359

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Styrene	mg/kg	1	0.94	1.0	94	100	75-125	6	20	
tert-Butylbenzene	mg/kg	1	0.86	0.96	86	96	75-126	11	20	
Tetrachloroethene	mg/kg	1	0.93	1.0	93	102	73-132	10	20	
Tetrahydrofuran	mg/kg	10	9.3	9.8	93	98	63-134	5	20	
Toluene	mg/kg	1	1.0	1.1	102	108	74-128	5	20	
trans-1,2-Dichloroethene	mg/kg	1	1.0	1.0	102	104	75-136	1	20	
trans-1,3-Dichloropropene	mg/kg	1	0.97	1.0	97	104	71-125	7	20	
Trichloroethene	mg/kg	1	0.99	1.0	99	104	75-131	5	20	
Trichlorofluoromethane	mg/kg	1	1.1	1.1	115	112	65-148	3	20	
Vinyl chloride	mg/kg	1	0.94	0.92	94	92	58-146	2	20	
Xylene (Total)	mg/kg	3	3.0	3.3	100	110	73-129	9	20	
1,2-Dichloroethane-d4 (S)	%				99	97	30-150			
4-Bromofluorobenzene (S)	%				88	95	30-150			
Dibromofluoromethane (S)	%				91	93	30-150			
Toluene-d8 (S)	%				89	96	30-150			

MATRIX SPIKE SAMPLE: 1042435

Parameter	Units	10167571007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	1.3	1.6	127	48-136	
1,1,1-Trichloroethane	mg/kg	ND	1.3	1.7	128	57-143	
1,1,2,2-Tetrachloroethane	mg/kg	ND	1.3	1.6	122	47-146	
1,1,2-Trichloroethane	mg/kg	ND	1.3	1.6	121	59-130	
1,1,2-Trichlorotrifluoroethane	mg/kg	ND	1.3	2.0	158	38-150	M1
1,1-Dichloroethane	mg/kg	ND	1.3	1.6	123	59-139	
1,1-Dichloroethene	mg/kg	ND	1.3	1.7	129	44-150	
1,1-Dichloropropene	mg/kg	ND	1.3	1.7	130	68-141	
1,2,3-Trichlorobenzene	mg/kg	ND	1.3	1.6	127	40-144	
1,2,3-Trichloropropane	mg/kg	ND	1.3	1.5	114	49-146	
1,2,4-Trichlorobenzene	mg/kg	ND	1.3	1.6	121	42-141	
1,2,4-Trimethylbenzene	mg/kg	ND	1.3	1.6	122	54-141	
1,2-Dibromo-3-chloropropane	mg/kg	ND	1.3	1.6	125	30-150	
1,2-Dibromoethane (EDB)	mg/kg	ND	1.3	1.6	122	55-130	
1,2-Dichlorobenzene	mg/kg	ND	1.3	1.8	137	61-129	M1
1,2-Dichloroethane	mg/kg	ND	1.3	1.5	118	57-137	
1,2-Dichloropropane	mg/kg	ND	1.3	1.6	120	54-136	
1,3,5-Trimethylbenzene	mg/kg	ND	1.3	1.6	120	51-147	
1,3-Dichlorobenzene	mg/kg	ND	1.3	1.6	125	59-133	
1,3-Dichloropropane	mg/kg	ND	1.3	1.6	122	52-135	
1,4-Dichlorobenzene	mg/kg	ND	1.3	1.6	125	56-135	
2,2-Dichloropropane	mg/kg	ND	1.3	1.8	141	30-150	
2-Butanone (MEK)	mg/kg	ND	1.3	1.6	124	43-147	
2-Chlorotoluene	mg/kg	ND	1.3	1.5	117	54-144	
4-Chlorotoluene	mg/kg	ND	1.3	1.5	119	57-147	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	1.3	1.6	123	51-136	
Acetone	mg/kg	ND	3.3	4.0	123	40-147	
Allyl chloride	mg/kg	ND	1.3	1.6	121	58-136	

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

MATRIX SPIKE SAMPLE: 1042435

Parameter	Units	10167571007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	ND	1.3	1.6	121	53-138	
Bromobenzene	mg/kg	ND	1.3	1.7	129	56-133	
Bromochloromethane	mg/kg	ND	1.3	1.5	116	58-139	
Bromodichloromethane	mg/kg	ND	1.3	1.6	127	59-129	
Bromoform	mg/kg	ND	1.3	1.6	122	36-137	
Bromomethane	mg/kg	ND	1.3	1.6	122	30-150	
Carbon tetrachloride	mg/kg	ND	1.3	1.7	135	42-150	
Chlorobenzene	mg/kg	ND	1.3	1.8	140	60-134	M1
Chloroethane	mg/kg	ND	1.3	1.7	131	30-150	
Chloroform	mg/kg	ND	1.3	1.5	117	59-138	
Chloromethane	mg/kg	ND	1.3	1.4	106	55-128	
cis-1,2-Dichloroethene	mg/kg	ND	1.3	1.7	133	52-143	
cis-1,3-Dichloropropene	mg/kg	ND	1.3	1.6	126	55-135	
Dibromochloromethane	mg/kg	ND	1.3	1.6	121	47-136	
Dibromomethane	mg/kg	ND	1.3	1.5	116	50-136	
Dichlorodifluoromethane	mg/kg	ND	1.3	1.5	119	30-150	
Dichlorofluoromethane	mg/kg	ND	1.3	2.0	153	56-142	M0
Diethyl ether (Ethyl ether)	mg/kg	ND	1.3	1.5	116	53-142	
Ethylbenzene	mg/kg	ND	1.3	1.8	138	54-144	
Hexachloro-1,3-butadiene	mg/kg	ND	.64	1.0	157	31-150	M1
Isopropylbenzene (Cumene)	mg/kg	ND	1.3	1.5	118	58-140	
Methyl-tert-butyl ether	mg/kg	ND	1.3	1.6	121	56-132	
Methylene Chloride	mg/kg	ND	1.3	1.5	117	48-137	
n-Butylbenzene	mg/kg	ND	1.3	1.6	121	50-150	
n-Propylbenzene	mg/kg	ND	1.3	1.5	115	64-142	
Naphthalene	mg/kg	ND	1.3	1.4	111	44-139	
p-Isopropyltoluene	mg/kg	ND	1.3	1.5	115	54-145	
sec-Butylbenzene	mg/kg	ND	1.3	1.5	115	72-135	
Styrene	mg/kg	ND	1.3	1.5	116	57-135	
tert-Butylbenzene	mg/kg	ND	1.3	1.5	120	58-148	
Tetrachloroethene	mg/kg	ND	1.3	1.6	123	54-141	
Tetrahydrofuran	mg/kg	ND	13	13.9	108	52-137	
Toluene	mg/kg	ND	1.3	1.7	125	55-141	
trans-1,2-Dichloroethene	mg/kg	ND	1.3	1.6	120	48-148	
trans-1,3-Dichloropropene	mg/kg	ND	1.3	1.5	116	57-130	
Trichloroethene	mg/kg	ND	1.3	1.6	126	51-142	
Trichlorofluoromethane	mg/kg	ND	1.3	2.0	157	50-150	M1
Vinyl chloride	mg/kg	ND	1.3	1.5	113	55-133	
Xylene (Total)	mg/kg	ND	3.9	5.8	147	52-141	ES
1,2-Dichloroethane-d4 (S)	%				105	30-150	
4-Bromofluorobenzene (S)	%				109	30-150	
Dibromofluoromethane (S)	%				105	30-150	
Toluene-d8 (S)	%				108	30-150	

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

SAMPLE DUPLICATE: 1042436

Parameter	Units	10167571011 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	ND	ND		30	
1,1,1-Trichloroethane	mg/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	mg/kg	ND	ND		30	
1,1,2-Trichloroethane	mg/kg	ND	ND		30	
1,1,2-Trichlorotrifluoroethane	mg/kg	ND	ND		30	
1,1-Dichloroethane	mg/kg	ND	ND		30	
1,1-Dichloroethene	mg/kg	ND	ND		30	
1,1-Dichloropropene	mg/kg	ND	ND		30	
1,2,3-Trichlorobenzene	mg/kg	ND	ND		30	
1,2,3-Trichloropropane	mg/kg	ND	ND		30	
1,2,4-Trichlorobenzene	mg/kg	ND	ND		30	
1,2,4-Trimethylbenzene	mg/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	mg/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	mg/kg	ND	ND		30	
1,2-Dichlorobenzene	mg/kg	ND	ND		30	
1,2-Dichloroethane	mg/kg	ND	ND		30	
1,2-Dichloropropane	mg/kg	ND	ND		30	
1,3,5-Trimethylbenzene	mg/kg	ND	ND		30	
1,3-Dichlorobenzene	mg/kg	ND	ND		30	
1,3-Dichloropropane	mg/kg	ND	ND		30	
1,4-Dichlorobenzene	mg/kg	ND	ND		30	
2,2-Dichloropropane	mg/kg	ND	ND		30	
2-Butanone (MEK)	mg/kg	ND	ND		30	
2-Chlorotoluene	mg/kg	ND	ND		30	
4-Chlorotoluene	mg/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	ND		30	
Acetone	mg/kg	ND	ND		30	
Allyl chloride	mg/kg	ND	ND		30	
Benzene	mg/kg	ND	ND		30	
Bromobenzene	mg/kg	ND	ND		30	
Bromochloromethane	mg/kg	ND	ND		30	
Bromodichloromethane	mg/kg	ND	ND		30	
Bromoform	mg/kg	ND	ND		30	
Bromomethane	mg/kg	ND	ND		30	
Carbon tetrachloride	mg/kg	ND	ND		30	
Chlorobenzene	mg/kg	ND	ND		30	
Chloroethane	mg/kg	ND	ND		30	
Chloroform	mg/kg	ND	ND		30	
Chloromethane	mg/kg	ND	ND		30	
cis-1,2-Dichloroethene	mg/kg	ND	ND		30	
cis-1,3-Dichloropropene	mg/kg	ND	ND		30	
Dibromochloromethane	mg/kg	ND	ND		30	
Dibromomethane	mg/kg	ND	ND		30	
Dichlorodifluoromethane	mg/kg	ND	ND		30	
Dichlorofluoromethane	mg/kg	ND	ND		30	
Diethyl ether (Ethyl ether)	mg/kg	ND	ND		30	
Ethylbenzene	mg/kg	ND	ND		30	
Hexachloro-1,3-butadiene	mg/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: UR Savage, MN
Pace Project No.: 10167571

SAMPLE DUPLICATE: 1042436

Parameter	Units	10167571011 Result	Dup Result	RPD	Max RPD	Qualifiers
Isopropylbenzene (Cumene)	mg/kg	ND	ND		30	
Methyl-tert-butyl ether	mg/kg	ND	ND		30	
Methylene Chloride	mg/kg	ND	ND		30	
n-Butylbenzene	mg/kg	ND	ND		30	
n-Propylbenzene	mg/kg	ND	ND		30	
Naphthalene	mg/kg	ND	ND		30	
p-Isopropyltoluene	mg/kg	ND	ND		30	
sec-Butylbenzene	mg/kg	ND	ND		30	
Styrene	mg/kg	ND	ND		30	
tert-Butylbenzene	mg/kg	ND	ND		30	
Tetrachloroethene	mg/kg	ND	ND		30	
Tetrahydrofuran	mg/kg	ND	ND		30	
Toluene	mg/kg	ND	.011J		30	
trans-1,2-Dichloroethene	mg/kg	ND	ND		30	
trans-1,3-Dichloropropene	mg/kg	ND	ND		30	
Trichloroethene	mg/kg	ND	ND		30	
Trichlorofluoromethane	mg/kg	ND	ND		30	
Vinyl chloride	mg/kg	ND	ND		30	
Xylene (Total)	mg/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	128	131	1		
4-Bromofluorobenzene (S)	%	117	121	2		
Dibromofluoromethane (S)	%	124	123	2		
Toluene-d8 (S)	%	115	120	3		

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QUALIFIERS

Project: UR Savage, MN
Pace Project No.: 10167571

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
ES	The reported result is estimated because one or more of the constituent results are qualified as such.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
T6	High boiling point hydrocarbons are present in the sample.

Report Date: 29-Aug-2011 09:45

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23818.d

Lab Smp Id: 10167571001 Client Smp ID: 10167571001

Inj Date : 26-AUG-2011 20:44

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571001

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (mg/Kg)
1	Methyl-t-butyl ether	Compound Not Detected.					
2	Benzene	4.086	4.093	(0.474)	604	0.01906	0.000953(a)
$ 3	a,a,a-Trifluorotoluene (S)	5.286	5.286	(0.613)	293080	18.9701	0.948
4	Toluene	6.720	6.706	(0.779)	3441	0.11673	0.00584(a)
* 5	Chlorofluorobenzene	8.626	8.630	(1.000)	622927	20.0000	
6	Ethylbenzene	9.323	9.316	(1.081)	2229	0.09207	0.00460(a)
7	m&p-Xylene	9.490	9.493	(1.100)	2522	0.09166	0.00458(a)
8	o-Xylene	10.003	9.986	(1.160)	1467	0.05615	0.00281(a)
10	1,3,5-Trimethylbenzene	11.056	11.056	(1.282)	5573	0.17802	0.00890(a)
11	1,2,4-Trimethylbenzene	11.396	11.403	(1.321)	4094	0.15906	0.00795(a)
12	Naphthalene	13.516	13.510	(1.567)	228435	13.4352	0.672

QC Flag Legend

a - Target compound detected but, quantitated amount

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23818.d

Report Date: 08/29/2011

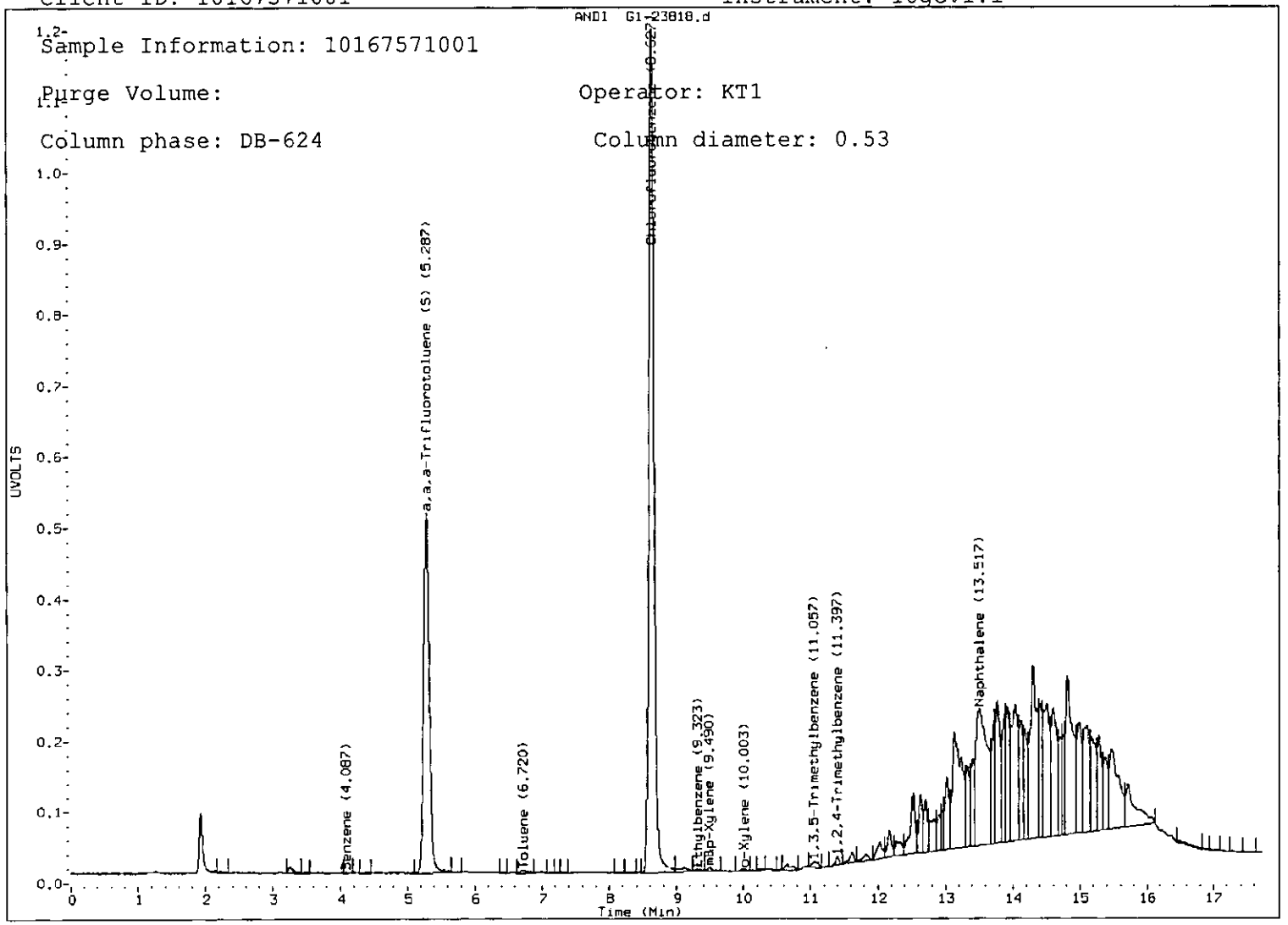
Sample ID: 10167571001

Client ID: 10167571001 Instrument: 10gcv1.i

Sample Information: 10167571001

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 14:31

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\082911f.b\241F0029.D

Lab Smp Id: 10167571001

Inj Date : 29-AUG-2011 13:51

Operator : JRH Inst ID: 10gcs5.i

Smp Info : 10167571001

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\082911f.b\WDRO5-081611F.m

Meth Date : 29-Aug-2011 12:21 jheinecke Quant Type: ESTD

Cal Date : 16-AUG-2011 13:59 Cal File: 228F0022.D

Als bottle: 14

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S 2 DRO	1.380-2.680			86906526	645.254	25.8
$ 5 n-Triacontane (S)	2.763	2.765	-0.002	7438551	80.0903	3.20(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\082911f.b/241F0029.D

Report Date: 08/29/2011

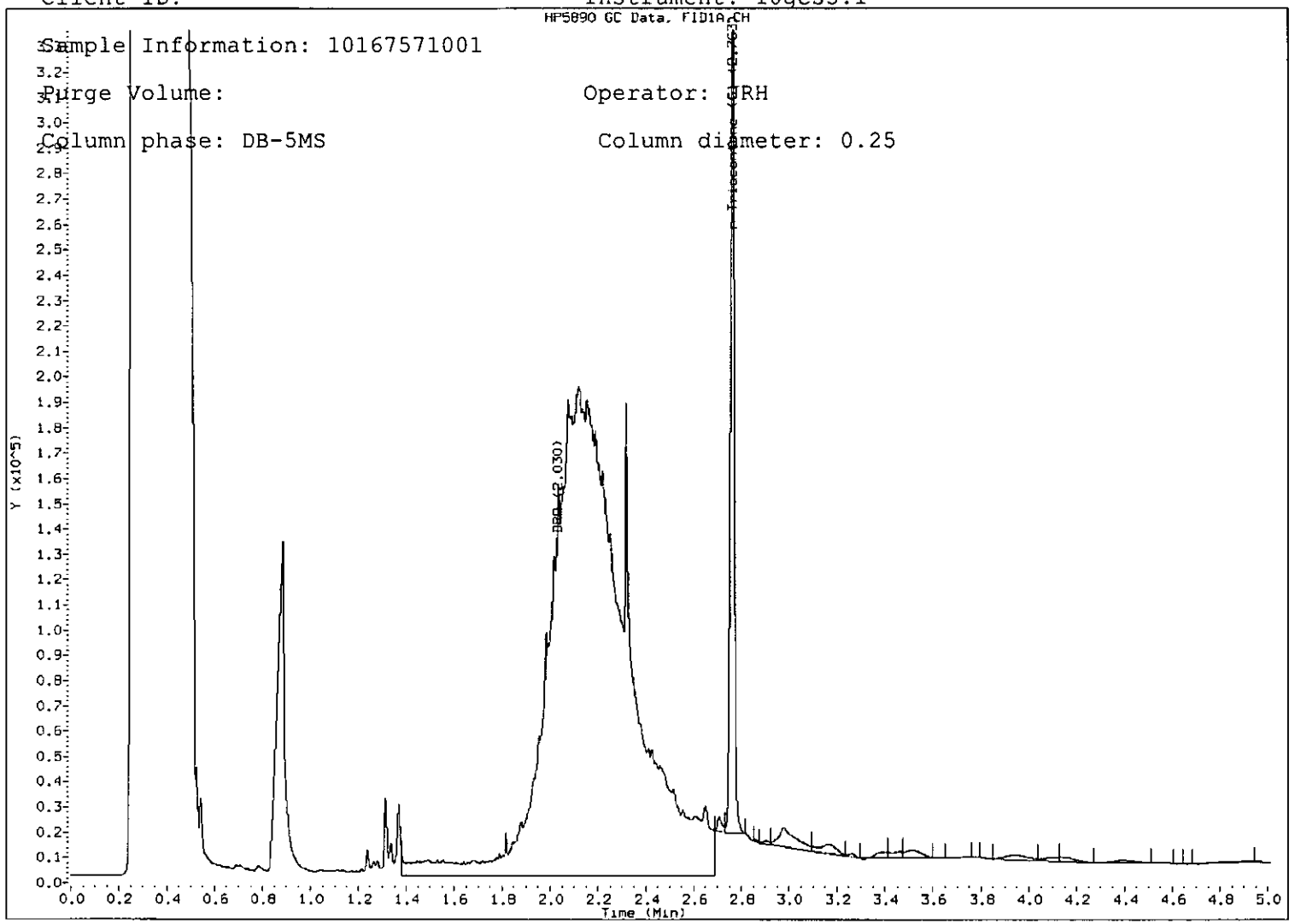
Sample ID: 10167571001

Client ID: Instrument: 10gcs5.i

Sample Information: 10167571001

Purge Volume: Operator: JRH

Column phase: DB-5MS Column diameter: 0.25



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23818.d

Lab Smp Id: 10167571001 Client Smp ID: 10167571001

Inj Date : 26-AUG-2011 20:44

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571001

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200	-13.650		979931	44.1216	2.206(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23818.d

Report Date: 08/29/2011

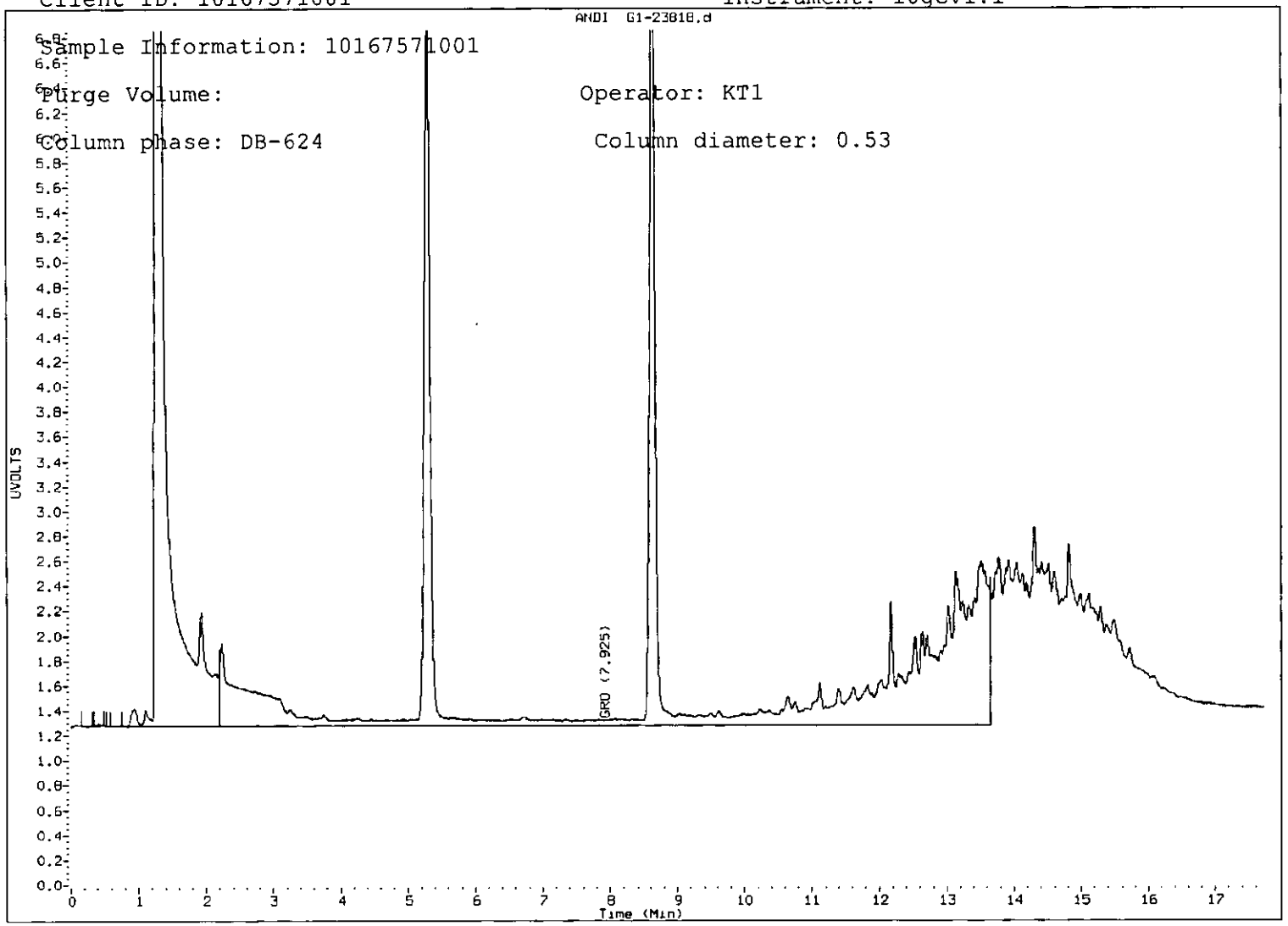
Sample ID: 10167571001

Client ID: 10167571001 Instrument: 10gcv1.i

Sample Information: 10167571001

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:45

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23819.d

Lab Smp Id: 10167571002 Client Smp ID: 10167571002

Inj Date : 26-AUG-2011 21:08

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571002

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (mg/Kg)
	1 Methyl-t-butyl ether	Compound Not Detected.					
	2 Benzene	4.086	4.093	(0.474)	503	0.01565	0.000782(a)
$	3 a,a,a-Trifluorotoluene (S)	5.286	5.286	(0.613)	293899	18.7578	0.938
	4 Toluene	6.713	6.706	(0.778)	5130	0.17159	0.00858(a)
*	5 Chlorofluorobenzene	8.626	8.630	(1.000)	631735	20.0000	
	6 Ethylbenzene	9.300	9.316	(1.078)	1582	0.06444	0.00322(a)
	7 m&p-Xylene	9.493	9.493	(1.100)	2662	0.09540	0.00477(a)
	8 o-Xylene	9.996	9.986	(1.159)	1678	0.06333	0.00317(a)
	10 1,3,5-Trimethylbenzene	11.056	11.056	(1.282)	4036	0.12713	0.00636(a)
	11 1,2,4-Trimethylbenzene	11.406	11.403	(1.322)	5300	0.20305	0.0102(a)
	12 Naphthalene	13.516	13.510	(1.567)	164044	9.51362	0.476

QC Flag Legend

a - Target compound detected but, quantitated amount

Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23819.d

Report Date: 08/29/2011

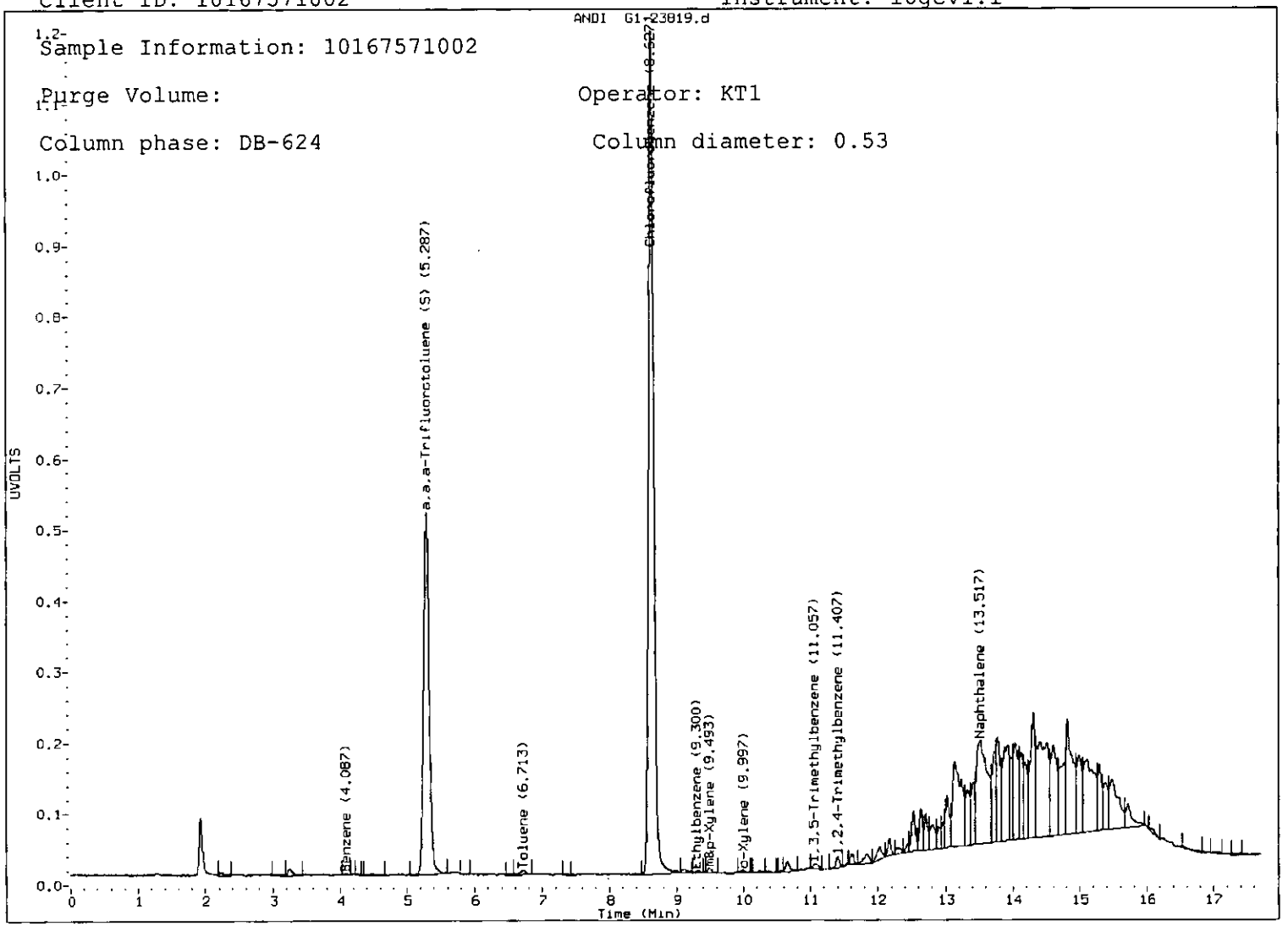
Sample ID: 10167571002

Client ID: 10167571002 Instrument: 10gcv1.i

Sample Information: 10167571002

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23819.d

Lab Smp Id: 10167571002 Client Smp ID: 10167571002

Inj Date : 26-AUG-2011 21:08

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571002

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200-13.650			907353	34.3409	1.717(a)

QC Flag Legend

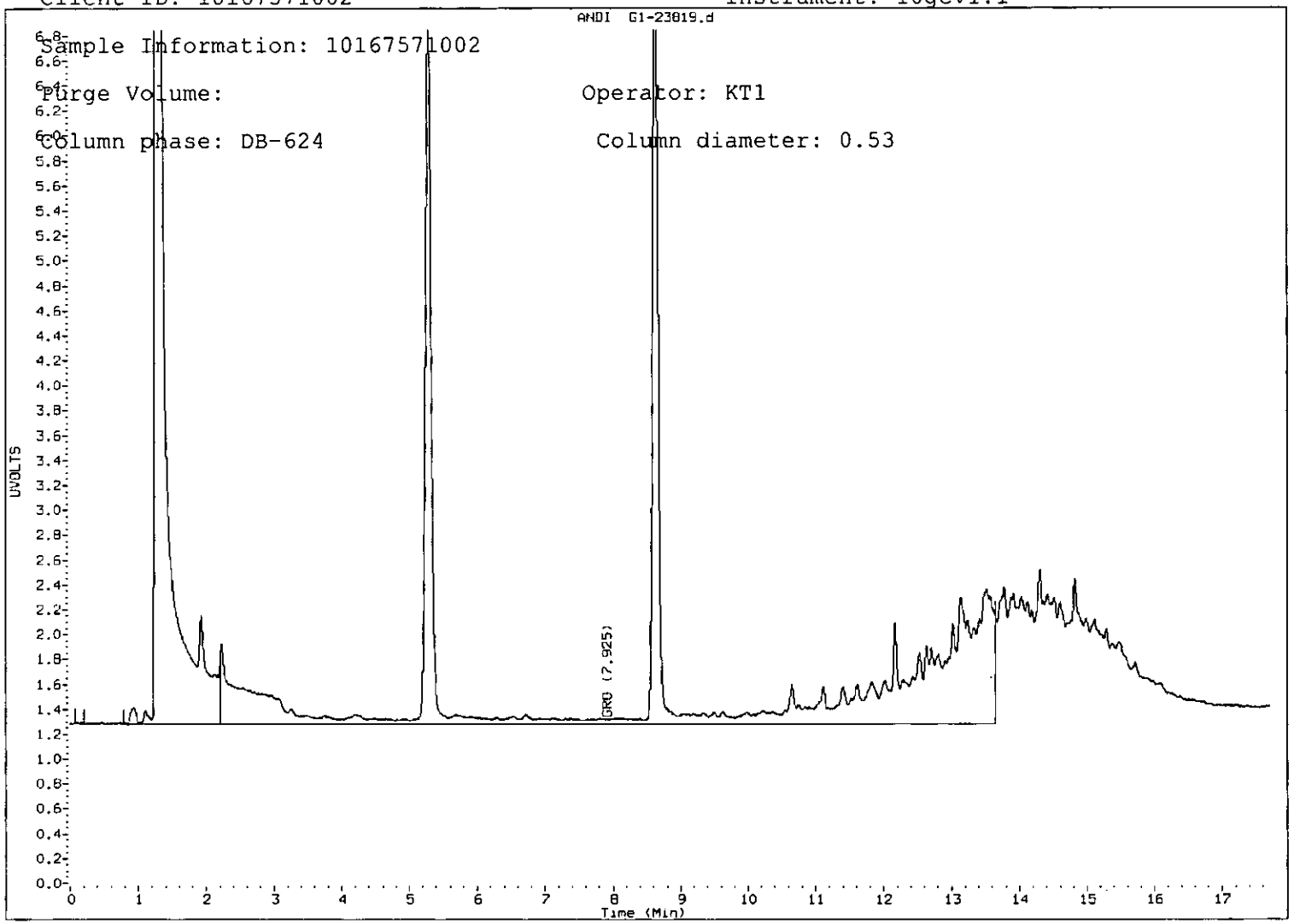
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23819.d

Report Date: 08/29/2011

Sample ID: 10167571002

Client ID: 10167571002 Instrument: 10gcv1.i



Report Date: 29-Aug-2011 12:47

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\082911f.b\241F0020.D

Lab Smp Id: 10167571002

Inj Date : 29-AUG-2011 12:41

Operator : JRH Inst ID: 10gcs5.i

Smp Info : 10167571002

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\082911f.b\WDRO5-081611F.m

Meth Date : 29-Aug-2011 12:21 jheinecke Quant Type: ESTD

Cal Date : 16-AUG-2011 13:59 Cal File: 228F0022.D

Als bottle: 5

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S 2 DRO	1.380-2.680			11981031	69.0005	2.76(a)
$ 5 n-Triacontane (S)	2.764	2.765	-0.001	7521641	80.9954	3.24(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

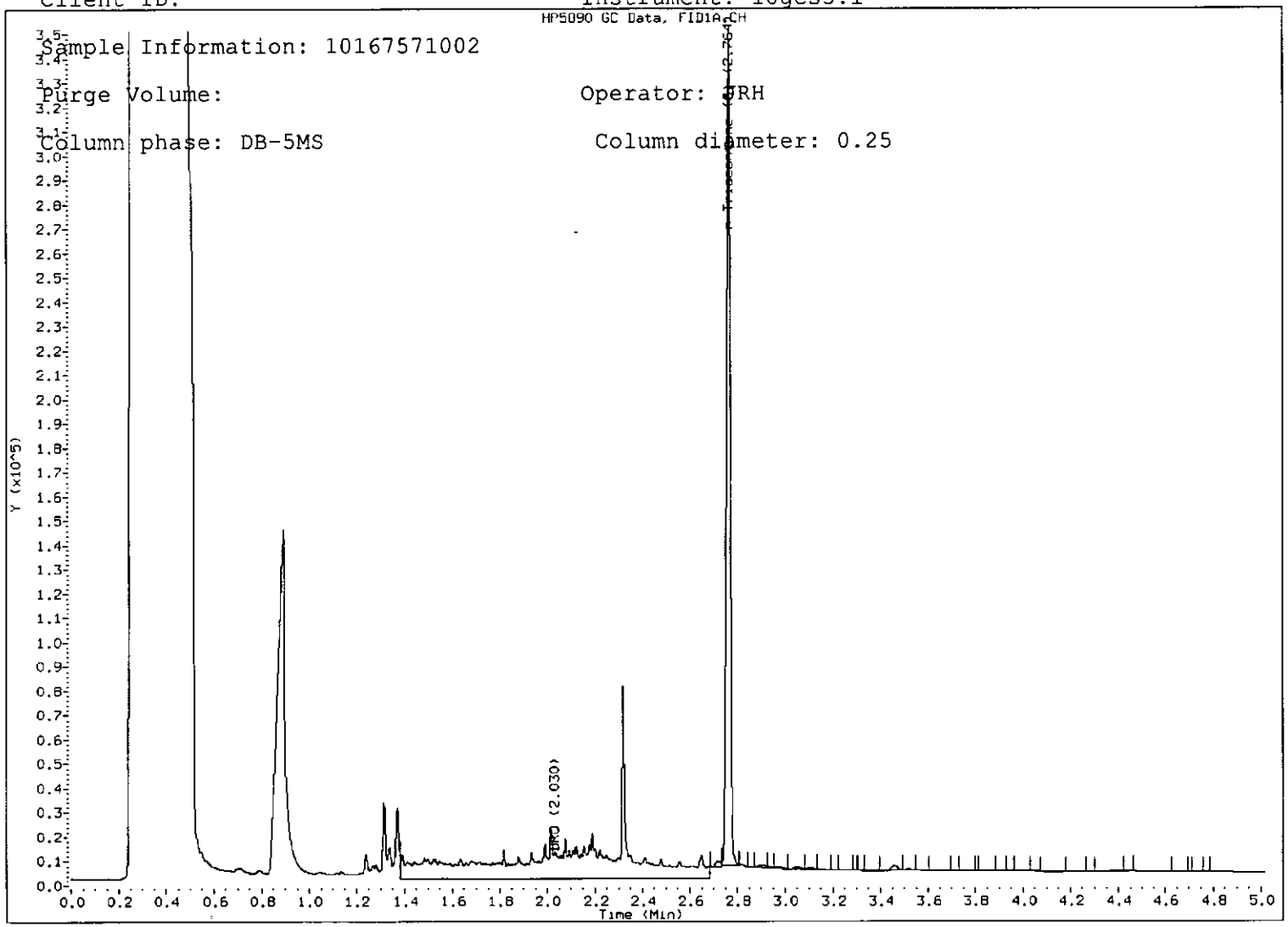
M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\082911f.b/241F0020.D

Report Date: 08/29/2011

Sample ID: 10167571002

Client ID: Instrument: 10gcs5.i



Report Date: 29-Aug-2011 15:51

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs9.i\082911dro.b\082911000036.D

Lab Smp Id: 10167571003

Inj Date : 29-AUG-2011 15:35

Operator : JRH Inst ID: 10gcs9.i

Smp Info : 10167571003,5

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs9.i\082911dro.b\WDRO9-082411.m

Meth Date : 29-Aug-2011 15:49 jheinecke Quant Type: ESTD

Cal Date : 24-AUG-2011 13:58 Cal File: 082411000015.D

Als bottle: 1

Dil Factor: 5.00000

Integrator: HP Genie Compound Sublist: dro.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	5.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S 1 Diesel Range Organics	0.830-2.060			1334605410	3530.01	706
S 2 n-Triacontane (S)	2.135	2.123	0.012	4769866	18.1295	3.62(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs9.i\082911dro.b/082911000036.D

Report Date: 08/29/2011

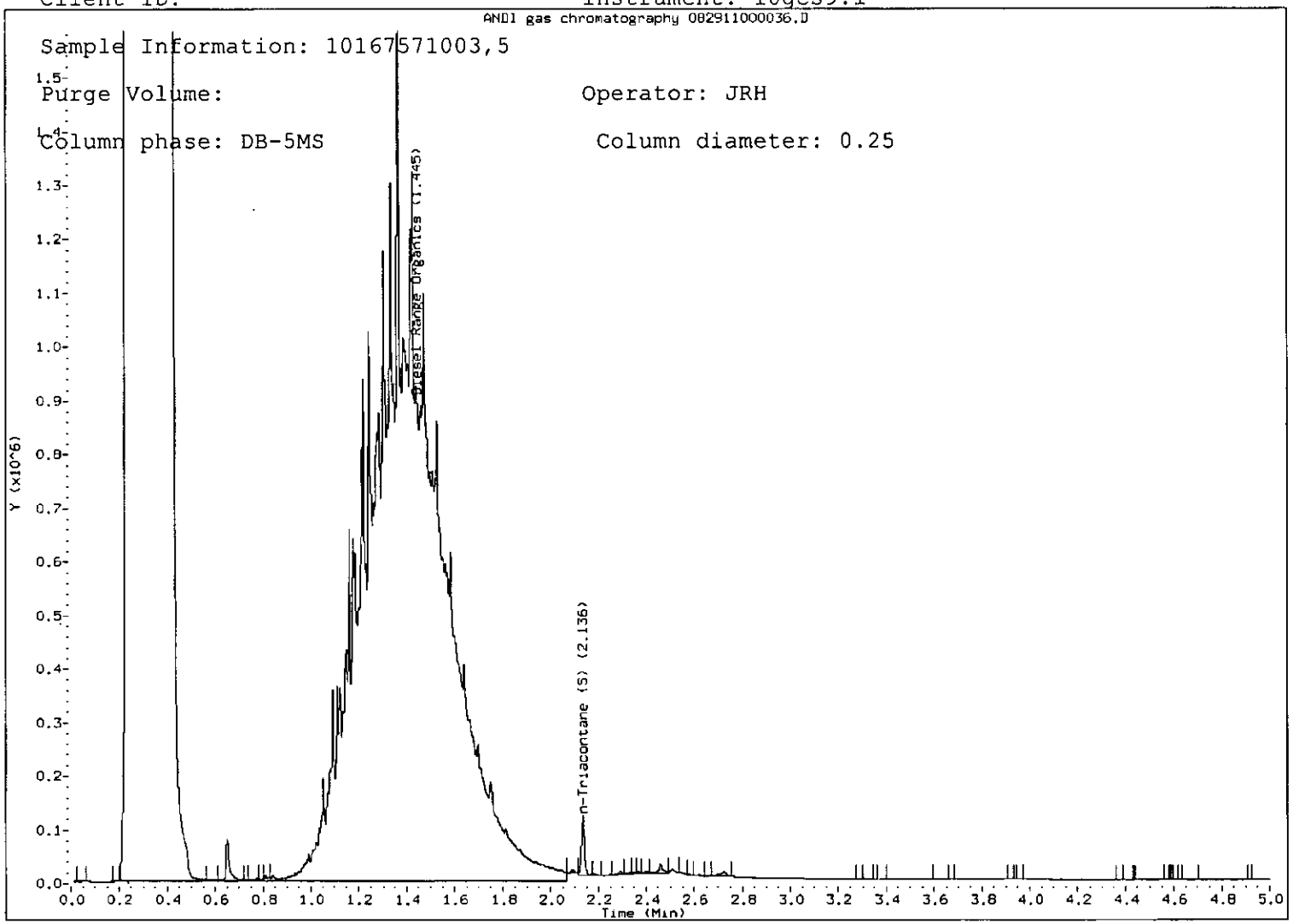
Sample ID: 10167571003

Client ID: Instrument: 10gcs9.i

Sample Information: 10167571003,5

Purge Volume: Operator: JRH

Column phase: DB-5MS Column diameter: 0.25



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23820.d

Lab Smp Id: 10167571003 Client Smp ID: 10167571003

Inj Date : 26-AUG-2011 21:32

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571003

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200	13.650		1060788	55.0210	2.751

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23820.d

Report Date: 08/29/2011

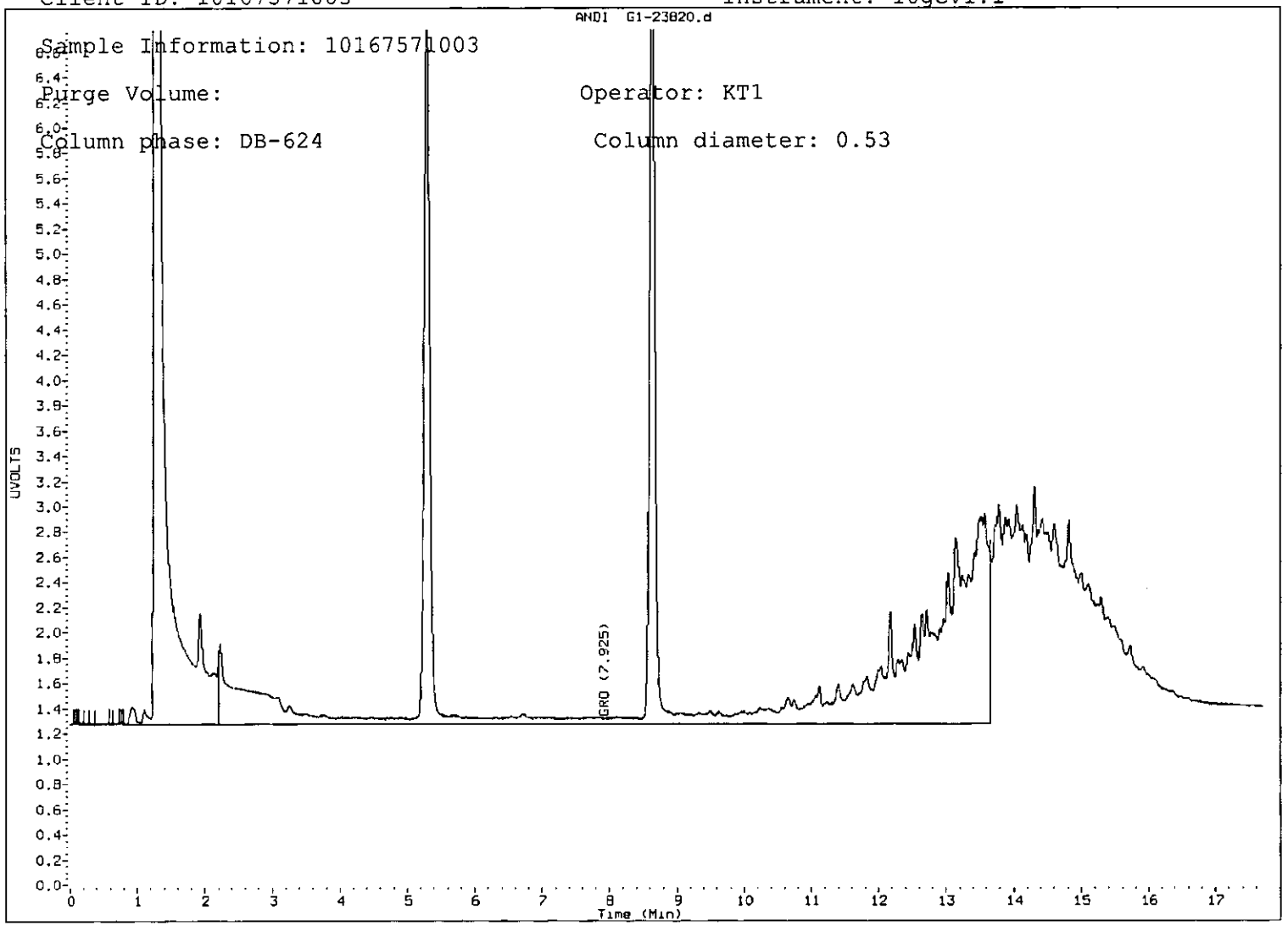
Sample ID: 10167571003

Client ID: 10167571003 Instrument: 10gcv1.i

Sample Information: 10167571003

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:45

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23820.d

Lab Smp Id: 10167571003 Client Smp ID: 10167571003

Inj Date : 26-AUG-2011 21:32

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571003

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(mg/Kg)
	1 Methyl-t-butyl ether	Compound Not Detected.					
	2 Benzene	4.006	4.093	(0.464)	624	0.01964	0.000982(a)
$	3 a,a,a-Trifluorotoluene (S)	5.286	5.286	(0.613)	294137	18.9879	0.949
	4 Toluene	6.710	6.706	(0.778)	2834	0.09588	0.00479(a)
*	5 Chlorofluorobenzene	8.626	8.630	(1.000)	624587	20.0000	
	6 Ethylbenzene	9.326	9.316	(1.081)	1187	0.04890	0.00244(a)
	7 m&p-Xylene	9.503	9.493	(1.102)	3233	0.11719	0.00586(a)
	8 o-Xylene	10.006	9.986	(1.160)	899	0.03432	0.00172(a)
	10 1,3,5-Trimethylbenzene	11.056	11.056	(1.282)	4889	0.15576	0.00779(a)
	11 1,2,4-Trimethylbenzene	11.396	11.403	(1.321)	4932	0.19111	0.00956(a)
	12 Naphthalene	13.516	13.510	(1.567)	239987	14.0772	0.704

QC Flag Legend

a - Target compound detected but, quantitated amount

Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23820.d

Report Date: 08/29/2011

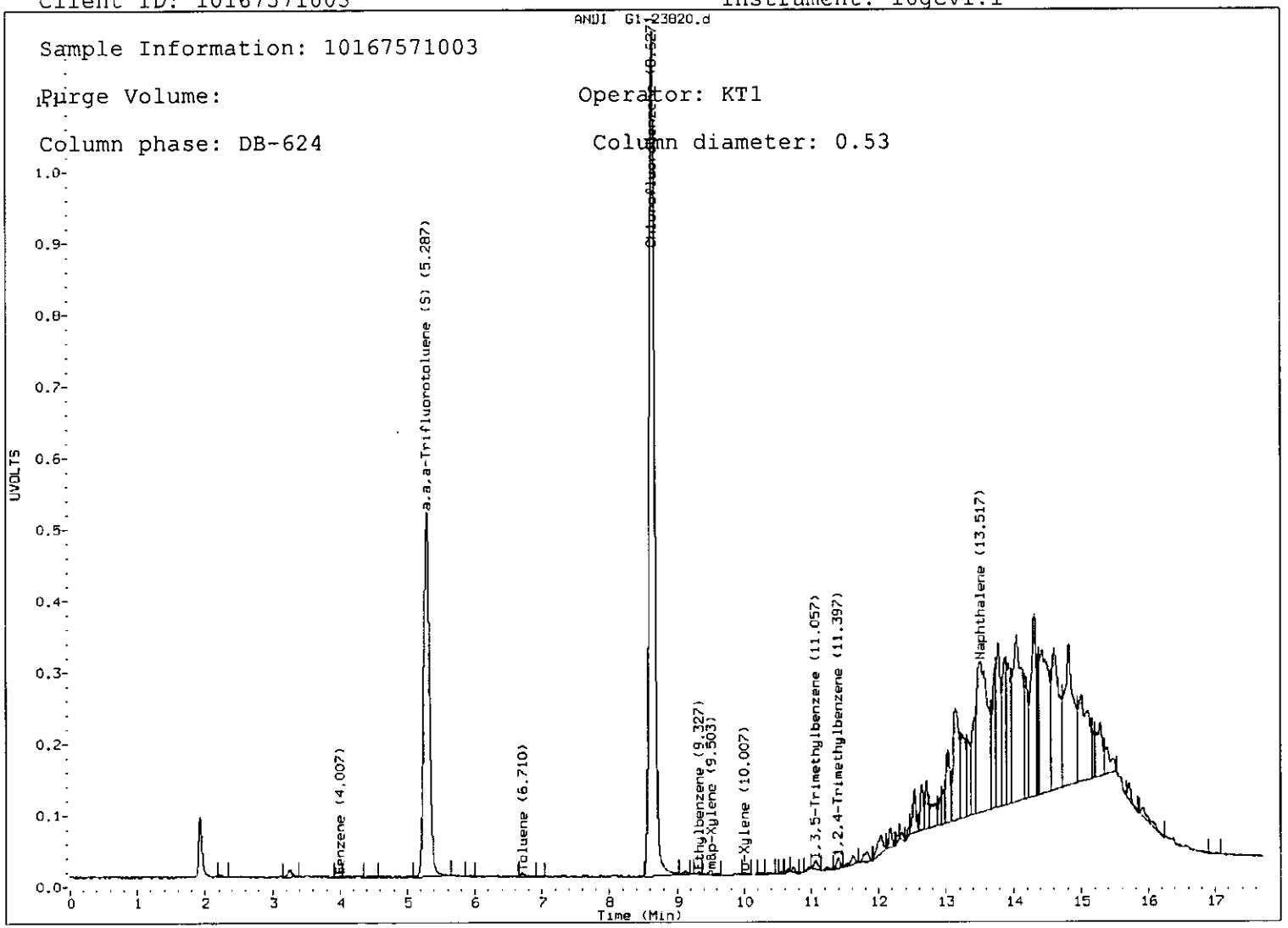
Sample ID: 10167571003

Client ID: 10167571003 Instrument: 10gcv1.i

Sample Information: 10167571003

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 14:32

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\082911f.b\241F0031.D

Lab Smp Id: 10167571004

Inj Date : 29-AUG-2011 14:06

Operator : JRH Inst ID: 10gcs5.i

Smp Info : 10167571004

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\082911f.b\WDRO5-081611F.m

Meth Date : 29-Aug-2011 12:21 jheinecke Quant Type: ESTD

Cal Date : 16-AUG-2011 13:59 Cal File: 228F0022.D

Als bottle: 16

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S 2 DRO	1.380-2.680			90788183	675.108	27.0
$ 5 n-Triacontane (S)	2.762	2.765	-0.003	7999549	86.2017	3.45(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

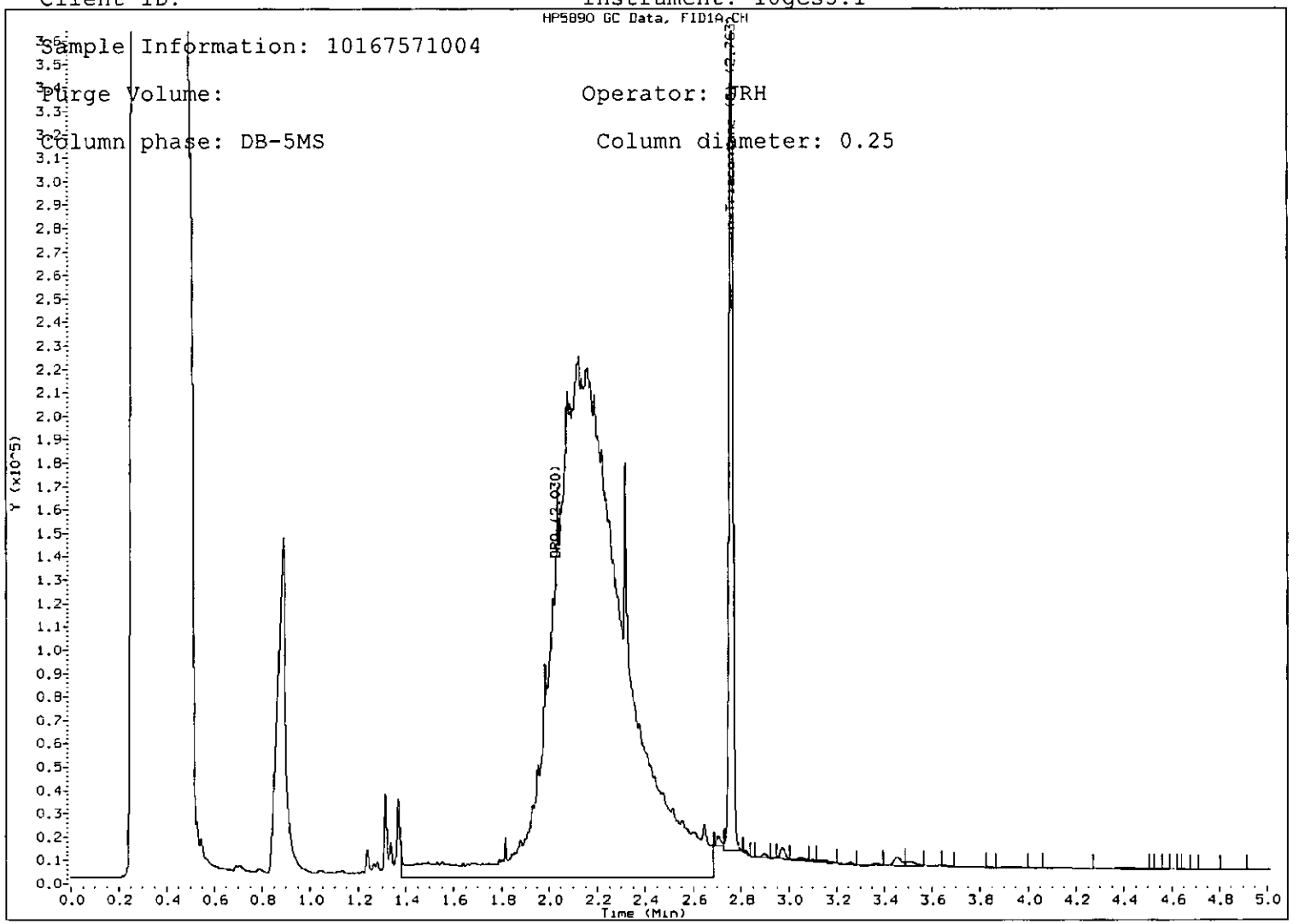
M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\082911f.b/241F0031.D

Report Date: 08/29/2011

Sample ID: 10167571004

Client ID: Instrument: 10gcs5.i



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23821.d

Lab Smp Id: 10167571004 Client Smp ID: 10167571004

Inj Date : 26-AUG-2011 21:55

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571004

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200	-13.650		819916	22.5609	1.128(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23821.d

Report Date: 08/29/2011

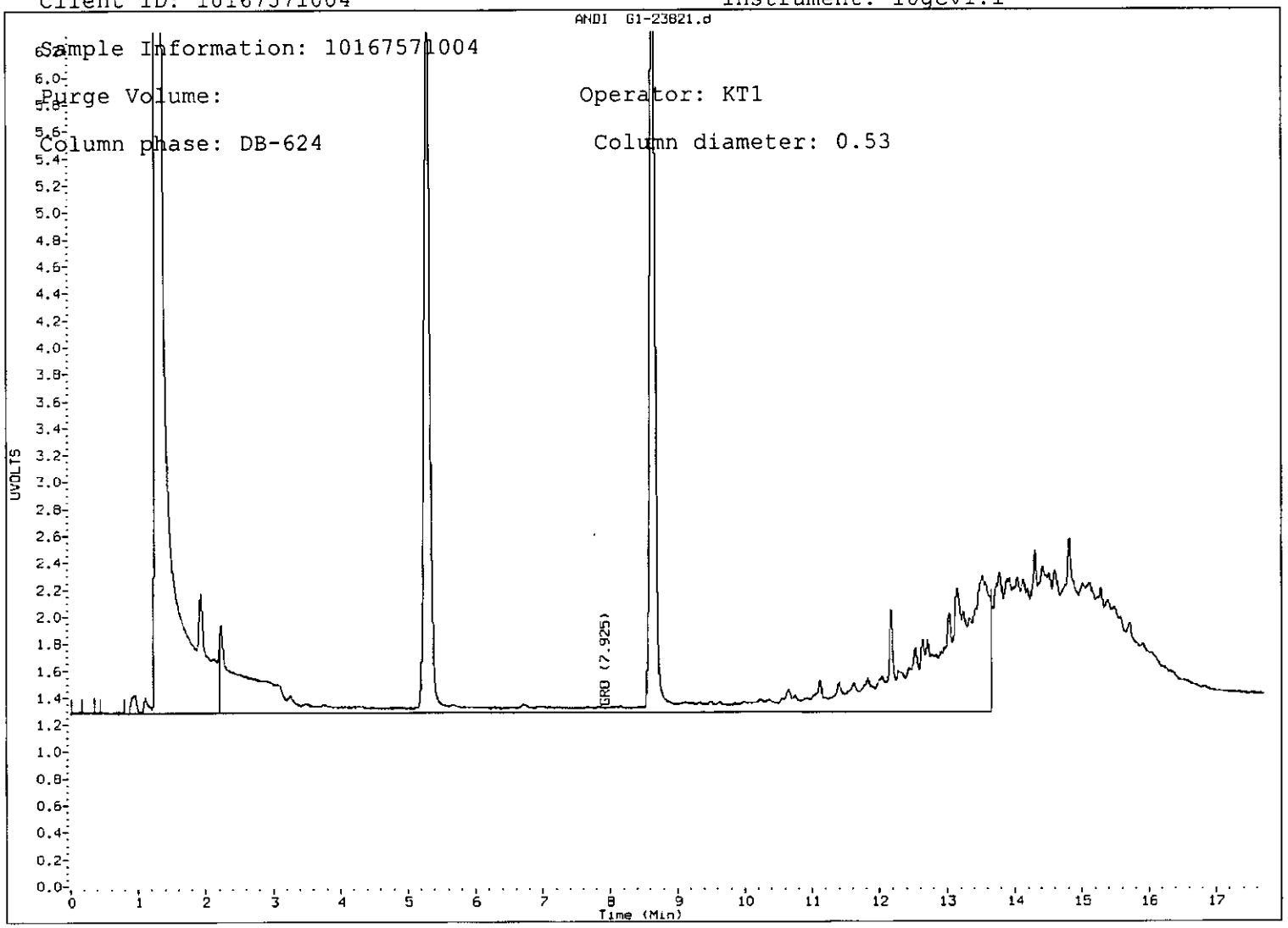
Sample ID: 10167571004

Client ID: 10167571004 Instrument: 10gcv1.i

Sample Information: 10167571004

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:45

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23821.d

Lab Smp Id: 10167571004 Client Smp ID: 10167571004

Inj Date : 26-AUG-2011 21:55

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571004

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(mg/Kg)
	1 Methyl-t-butyl ether	2.373	2.406	(0.275)	1054	0.14158	0.00708(a)
	2 Benzene	4.076	4.093	(0.472)	1088	0.03626	0.00181(a)
$	3 a,a,a-Trifluorotoluene (S)	5.286	5.286	(0.613)	274282	18.7515	0.938
	4 Toluene	6.673	6.706	(0.773)	1412	0.05059	0.00253(a)
*	5 Chlorofluorobenzene	8.630	8.630	(1.000)	589767	20.0000	
	6 Ethylbenzene	9.300	9.316	(1.078)	2313	0.10092	0.00504(a)
	7 m&p-Xylene	9.503	9.493	(1.101)	2065	0.07927	0.00396(a)
	8 o-Xylene	9.990	9.986	(1.158)	1890	0.07641	0.00382(a)
	10 1,3,5-Trimethylbenzene	11.063	11.056	(1.282)	4708	0.15885	0.00794(a)
	11 1,2,4-Trimethylbenzene	11.400	11.403	(1.321)	2587	0.10616	0.00531(a)
	12 Naphthalene	13.520	13.510	(1.567)	130940	8.13415	0.407

QC Flag Legend

a - Target compound detected but, quantitated amount

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23821.d

Report Date: 08/29/2011

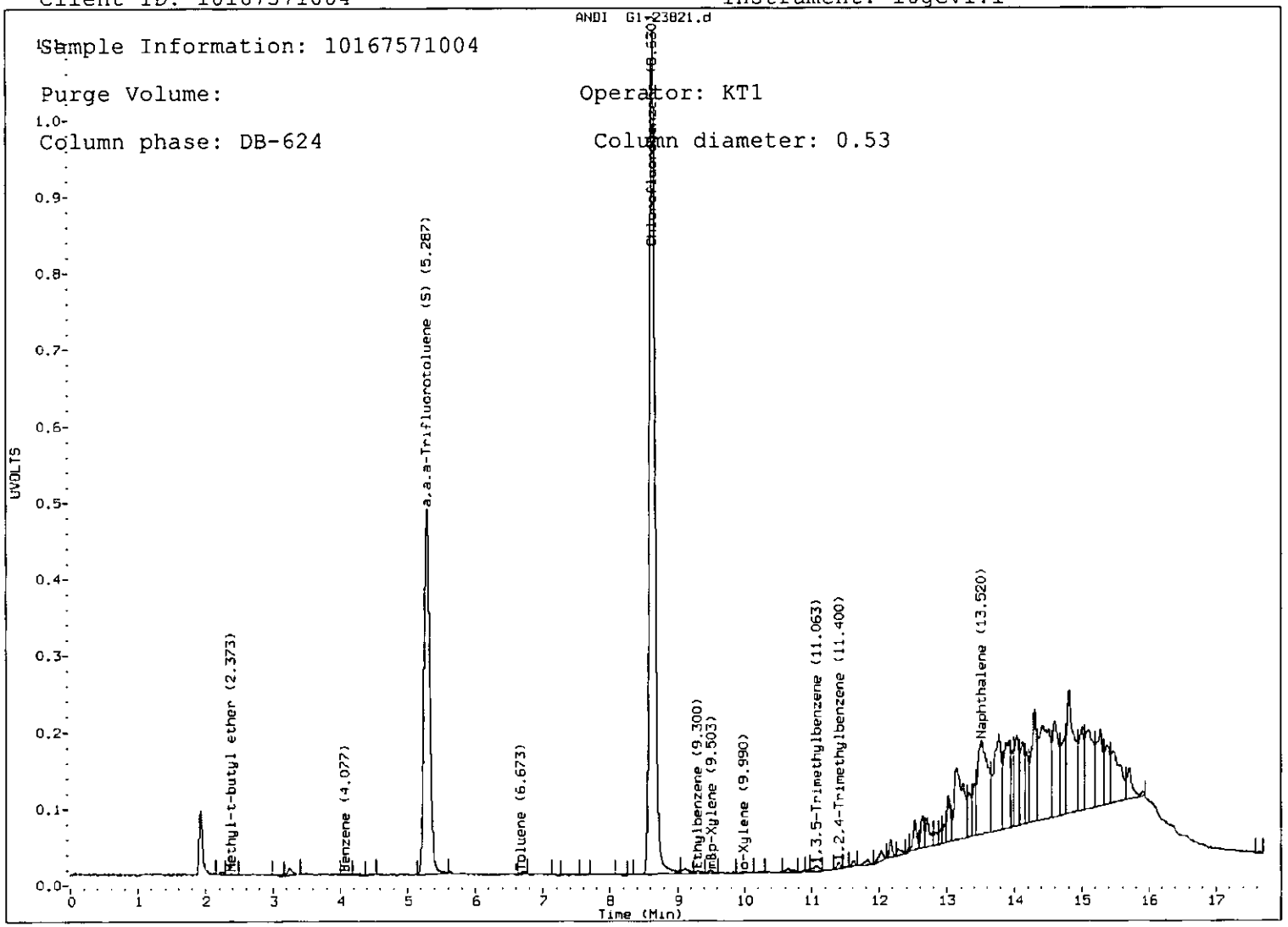
Sample ID: 10167571004

Client ID: 10167571004 Instrument: 10gcv1.i

Sample Information: 10167571004

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 14:33

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\082911f.b\241F0033.D

Lab Smp Id: 10167571005

Inj Date : 29-AUG-2011 14:22

Operator : JRH Inst ID: 10gcs5.i

Smp Info : 10167571005

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\082911f.b\WDRO5-081611F.m

Meth Date : 29-Aug-2011 12:21 jheinecke Quant Type: ESTD

Cal Date : 16-AUG-2011 13:59 Cal File: 228F0022.D

Als bottle: 18

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(mg/kg)
S 2 DRO	1.380-2.680			52360303		379.558	15.2
S 5 n-Triacontane (S)	2.764	2.765	-0.001	7433615		80.0365	3.20(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\082911f.b/241F0033.D

Report Date: 08/29/2011

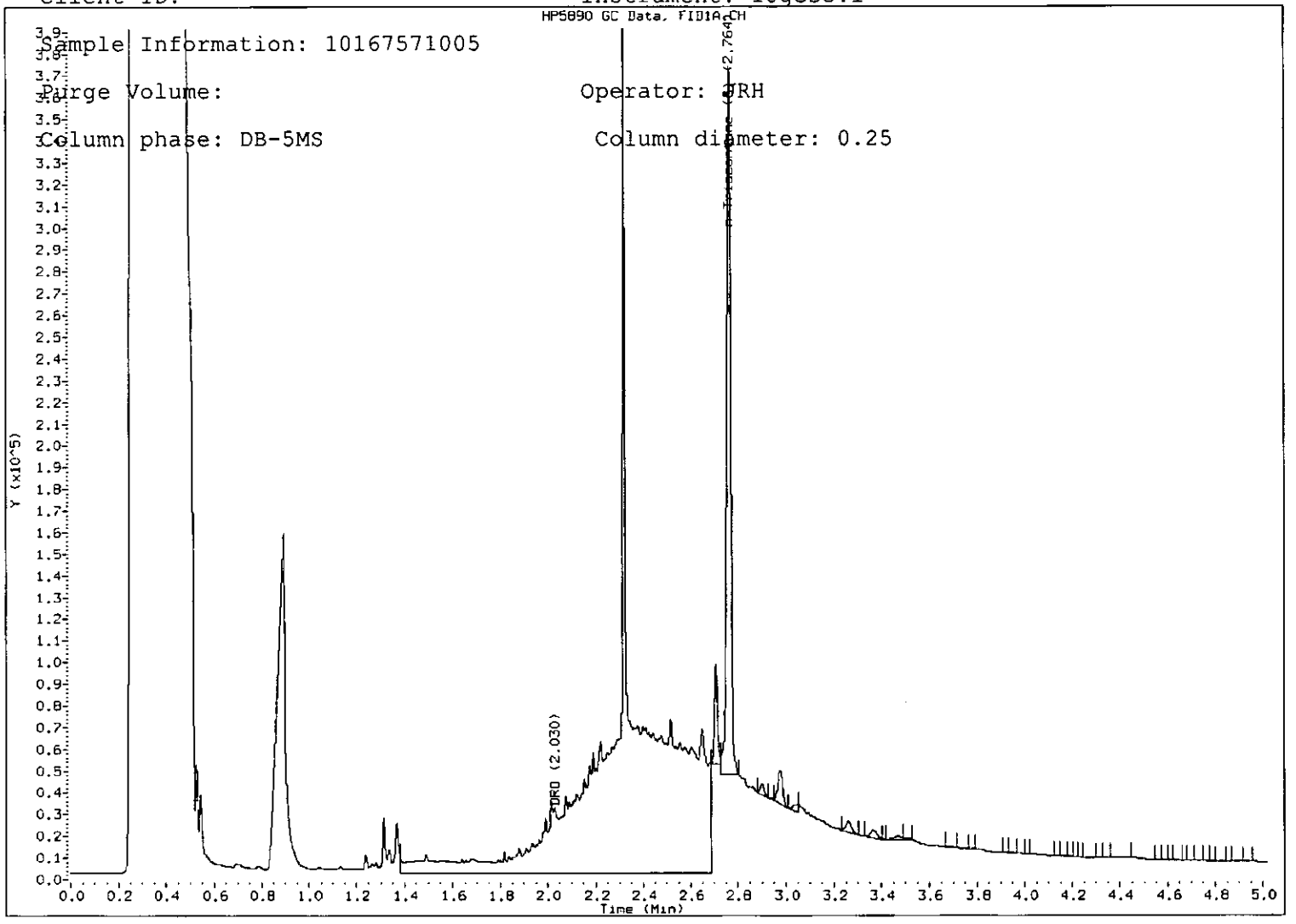
Sample ID: 10167571005

Client ID: Instrument: 10gcs5.i

Sample Information: 10167571005

Purge Volume: Operator: JRH

Column phase: DB-5MS Column diameter: 0.25



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23822.d

Lab Smp Id: 10167571005 Client Smp ID: 10167571005

Inj Date : 26-AUG-2011 22:19

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571005

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200	-13.650		852637	26.9688	1.348(a)

QC Flag Legend

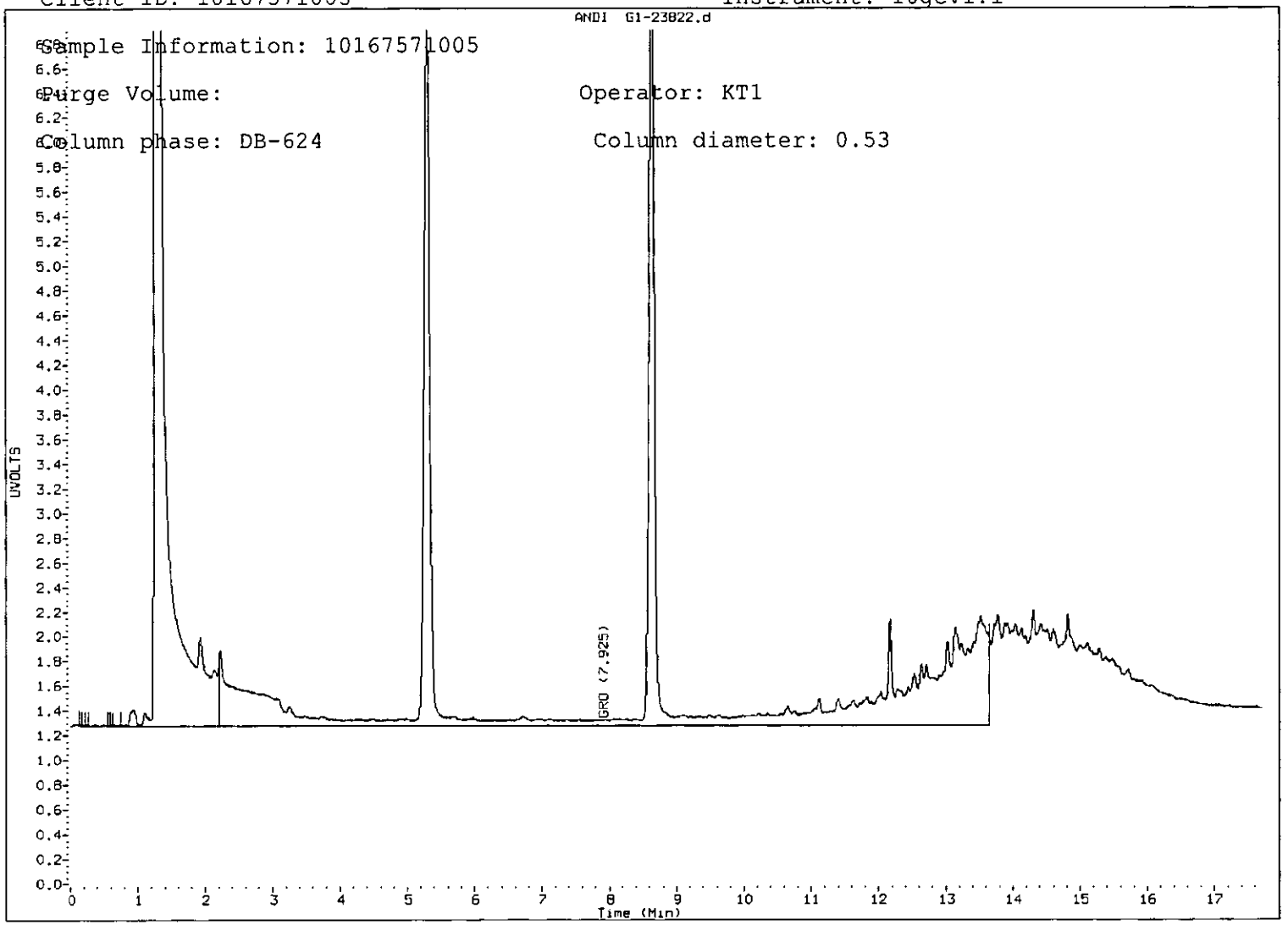
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23822.d

Report Date: 08/29/2011

Sample ID: 10167571005

Client ID: 10167571005 Instrument: 10gcv1.i



Report Date: 29-Aug-2011 09:46

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23822.d

Lab Smp Id: 10167571005 Client Smp ID: 10167571005

Inj Date : 26-AUG-2011 22:19

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571005

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex

Cpnd Variable — Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(mg/Kg)
	1 Methyl-t-butyl ether	2.410	2.406	(0.279)	1314	0.16430	0.00822(a)
	2 Benzene	Compound Not Detected.					
$	3 a,a,a-Trifluorotoluene (S)	5.286	5.286	(0.613)	304903	19.4044	0.970
	4 Toluene	6.726	6.706	(0.779)	2730	0.09105	0.00455(a)
*	5 Chlorofluorobenzene	8.630	8.630	(1.000)	633551	20.0000	
	6 Ethylbenzene	9.303	9.316	(1.078)	522	0.02120	0.00106(a)
	7 m&p-Xylene	9.496	9.493	(1.100)	1609	0.05750	0.00287(a)
	8 o-Xylene	10.000	9.986	(1.159)	1158	0.04358	0.00218(a)
	10 1,3,5-Trimethylbenzene	11.056	11.056	(1.281)	4210	0.13223	0.00661(a)
	11 1,2,4-Trimethylbenzene	11.393	11.403	(1.320)	3475	0.13275	0.00664(a)
	12 Naphthalene	13.520	13.510	(1.567)	41432	2.39593	0.120

QC Flag Legend

a - Target compound detected but, quantitated amount

Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23822.d

Report Date: 08/29/2011

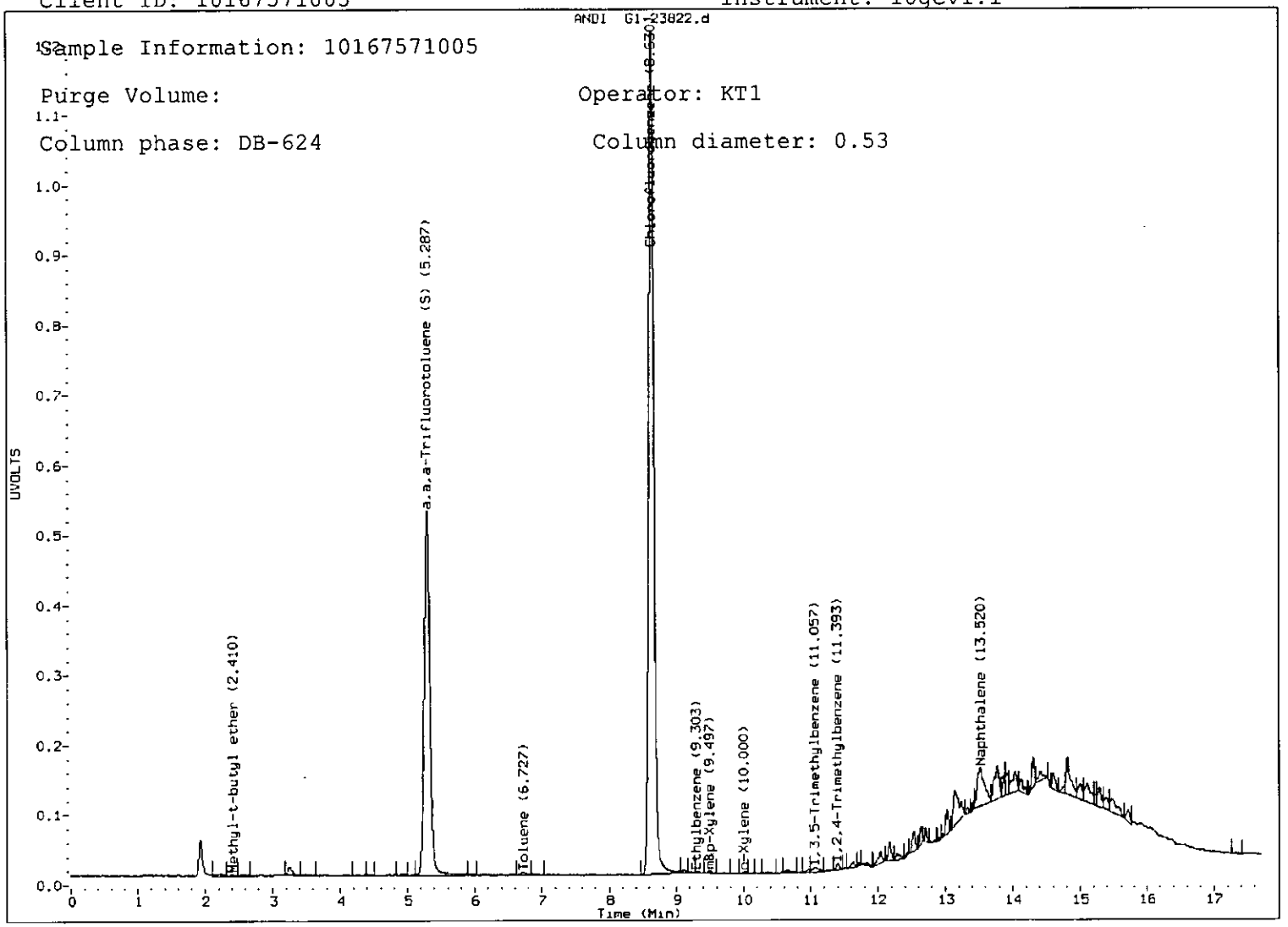
Sample ID: 10167571005

Client ID: 10167571005 Instrument: 10gcv1.i

Sample Information: 10167571005

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23814.d

Lab Smp Id: 10167571006 Client Smp ID: 10167571006

Inj Date : 26-AUG-2011 19:10

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571006,10X

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 10.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	10.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200	-13.650		4301461	494.347	247.2

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23814.d

Report Date: 08/29/2011

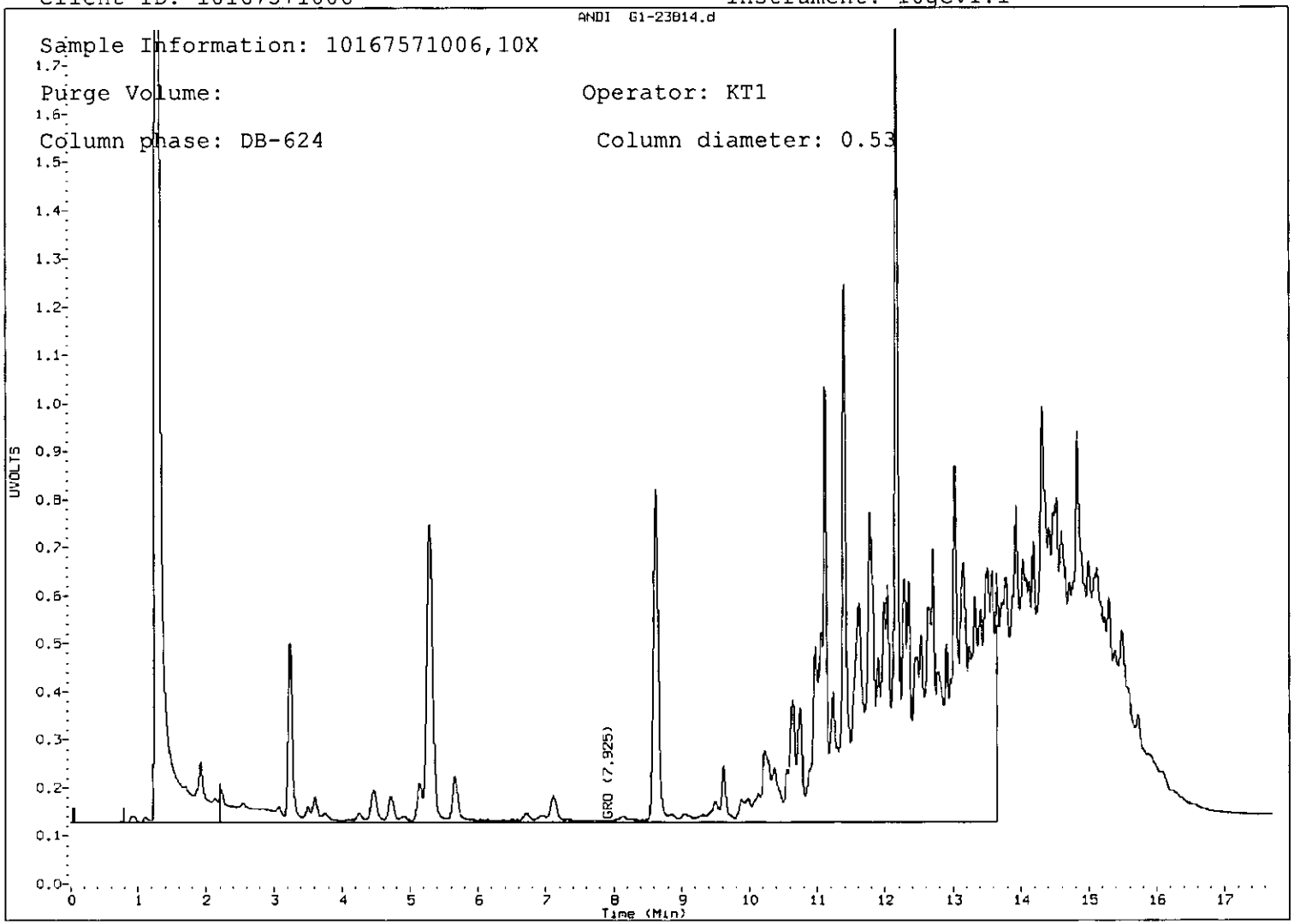
Sample ID: 10167571006

Client ID: 10167571006 Instrument: 10gcv1.i

Sample Information: 10167571006,10X

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 14:30

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\082911f.b\241F0028.D

Lab Smp Id: 10167571006

Inj Date : 29-AUG-2011 13:43

Operator : JRH Inst ID: 10gcs5.i

Smp Info : 10167571006,2

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\082911f.b\WDRO5-081611F.m

Meth Date : 29-Aug-2011 12:21 jheinecke Quant Type: ESTD

Cal Date : 16-AUG-2011 13:59 Cal File: 228F0022.D

Als bottle: 13

Dil Factor: 2.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	2.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S 2 DRO	1.380	2.680		456834490	3490.38	279
$ 5 n-Triacontane (S)	2.763	2.765	-0.002	3235370	34.3011	2.74(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

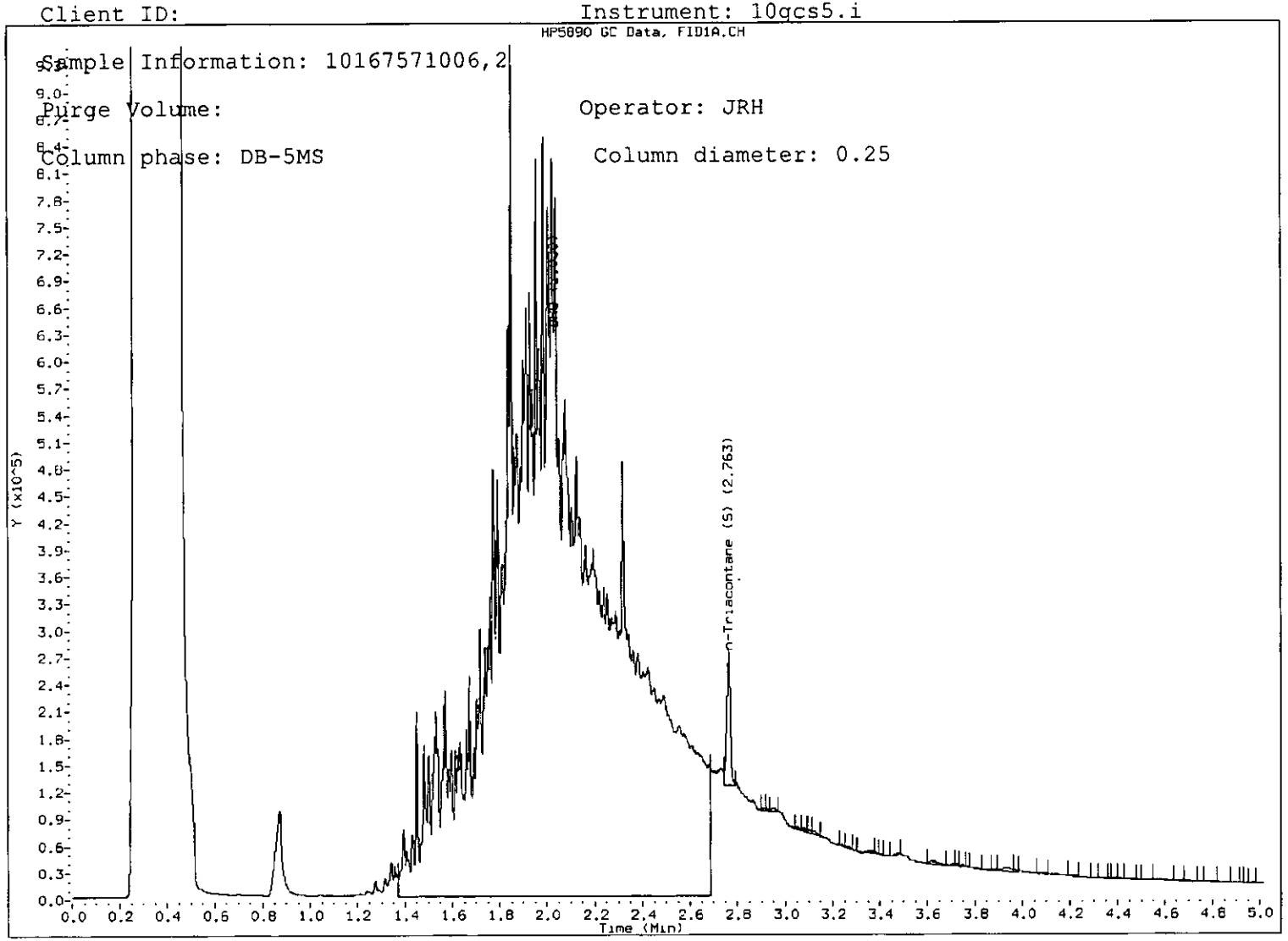
M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\082911f.b/241F0028.D

Report Date: 08/29/2011

Sample ID: 10167571006

Client ID: Instrument: 10gcs5.i



Report Date: 29-Aug-2011 16:05

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs9.i\082911dro.b\082911000038.D

Lab Smp Id: 10167571007

Inj Date : 29-AUG-2011 15:49

Operator : JRH Inst ID: 10gcs9.i

Smp Info : 10167571007,5

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs9.i\082911dro.b\WDRO9-082411.m

Meth Date : 29-Aug-2011 15:49 jheinecke Quant Type: ESTD

Cal Date : 24-AUG-2011 13:58 Cal File: 082411000015.D

Als bottle: 1

Dil Factor: 5.00000

Integrator: HP Genie Compound Sublist: dro.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	5.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S	1 Diesel Range Organics	0.830-2.060			1357177497	3589.94	718(M)
$	2 n-Triacontane (S)	2.140	2.123	0.017	3670208	14.0813	2.82(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs9.i\082911dro.b/082911000038.D

Report Date: 08/29/2011

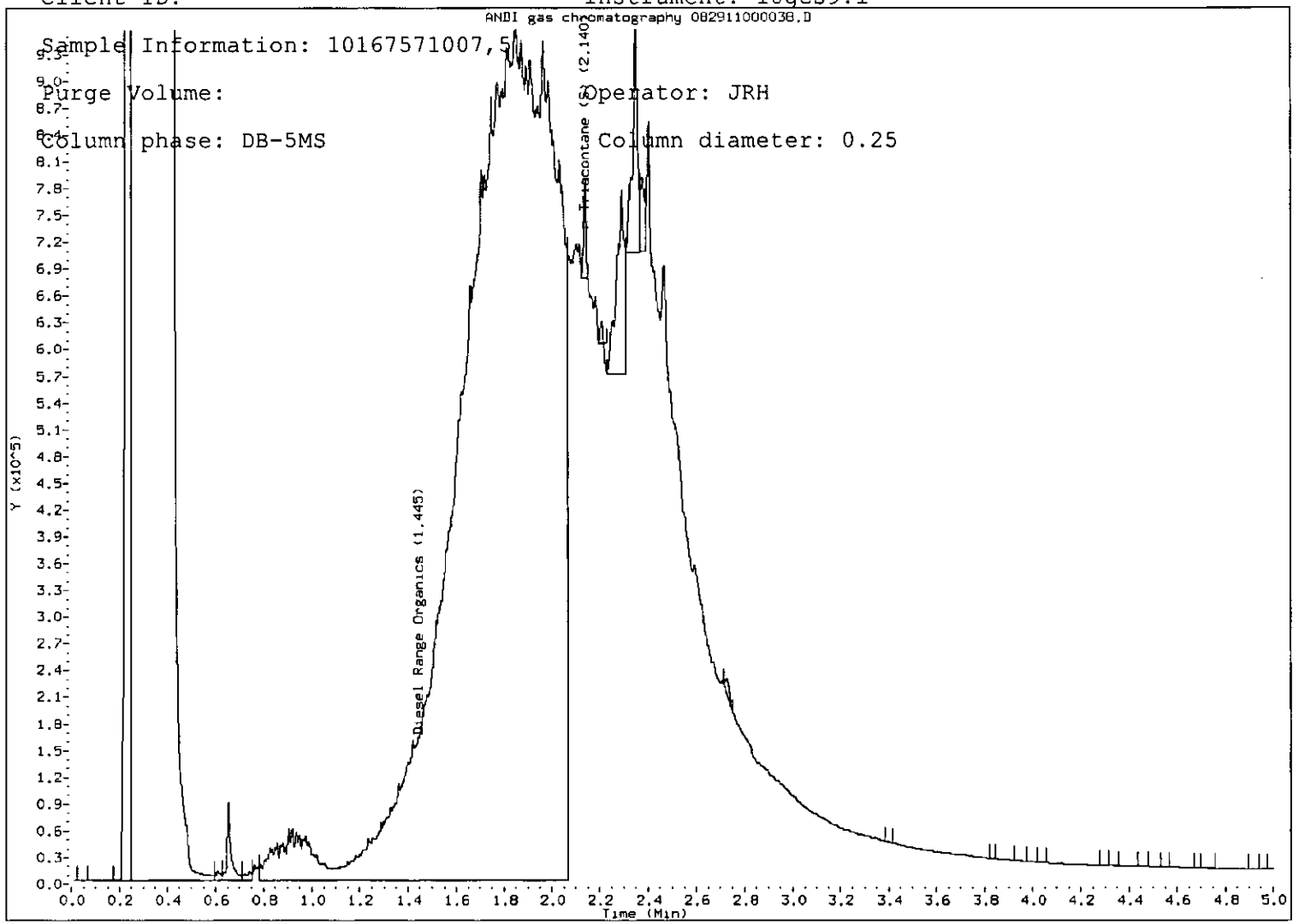
Sample ID: 10167571007

Client ID: Instrument: 10gcs9.i

Sample Information: 10167571007,5

Purge Volume: Operator: JRH

Column phase: DB-5MS Column diameter: 0.25



Report Date: 29-Aug-2011 09:46

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23823.d

Lab Smp Id: 10167571007 Client Smp ID: 10167571007

Inj Date : 26-AUG-2011 22:42

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571007

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (mg/Kg)
1	Methyl-t-butyl ether	Compound Not Detected.					
2	Benzene	4.073	4.093	(0.472)	1297	0.04022	0.00201(a)
$ 3	a,a,a-Trifluorotoluene (S)	5.290	5.286	(0.613)	295698	18.8098	0.940
4	Toluene	6.710	6.706	(0.778)	58065	1.93577	0.0968
* 5	Chlorofluorobenzene	8.630	8.630	(1.000)	633846	20.0000	
6	Ethylbenzene	9.320	9.316	(1.080)	5152	0.20915	0.0104(a)
7	m&p-Xylene	9.493	9.493	(1.100)	53899	1.92523	0.0963
8	o-Xylene	9.990	9.986	(1.158)	27263	1.02550	0.0513
10	1,3,5-Trimethylbenzene	11.056	11.056	(1.281)	10664	0.33478	0.0167(aM)
11	1,2,4-Trimethylbenzene	11.403	11.403	(1.321)	8497	0.32444	0.0162(a)
12	Naphthalene	13.520	13.510	(1.567)	87735	5.07118	0.254

QC Flag Legend

a - Target compound detected but, quantitated amount

Below Limit Of Quantitation(BLOQ).

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23823.d

Report Date: 08/29/2011

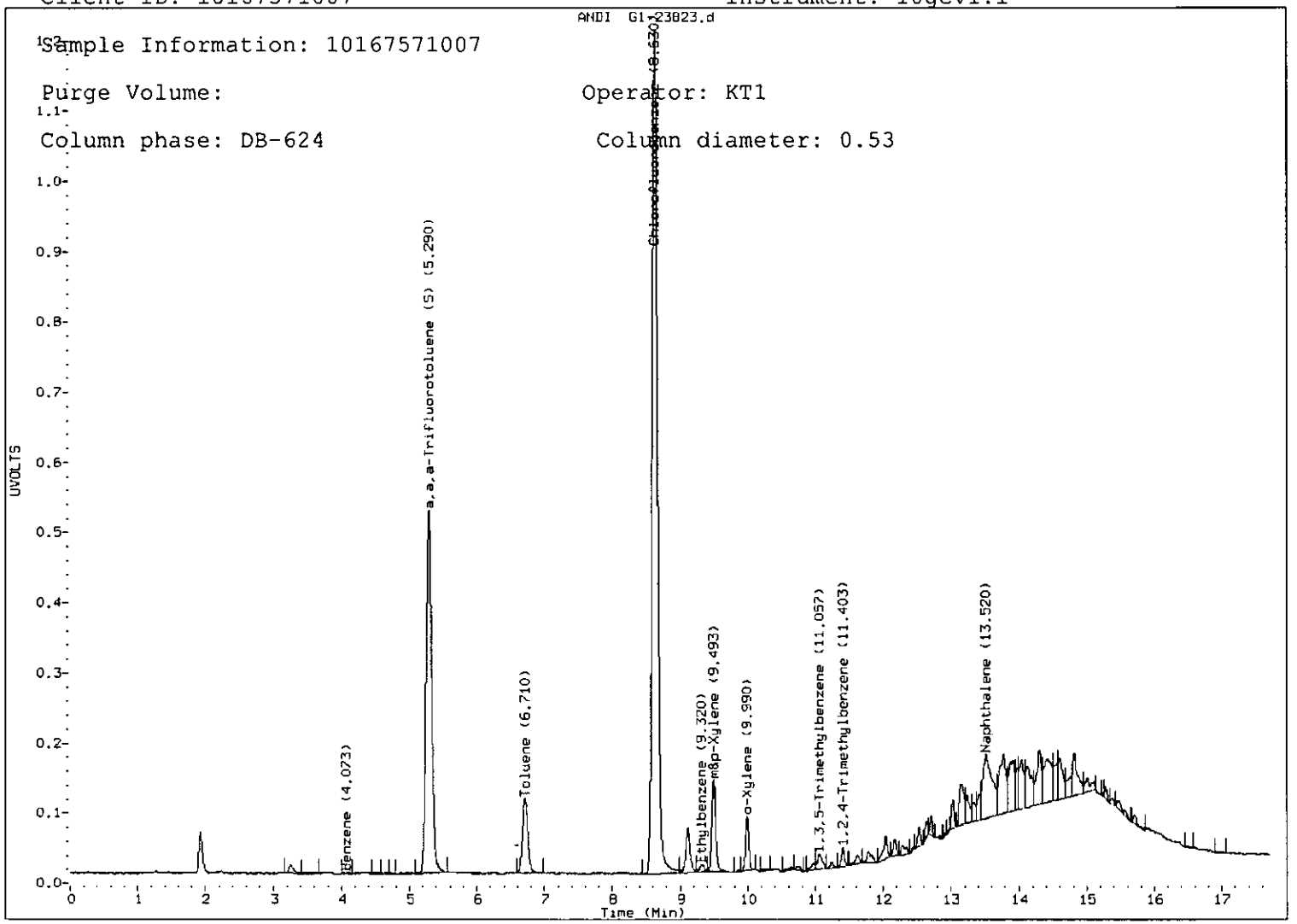
Sample ID: 10167571007

Client ID: 10167571007 Instrument: 10gcv1.i

Sample Information: 10167571007

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23823.d

Lab Smp Id: 10167571007 Client Smp ID: 10167571007

Inj Date : 26-AUG-2011 22:42

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571007

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200		-13.650	956681	40.9881	2.049(a)

QC Flag Legend

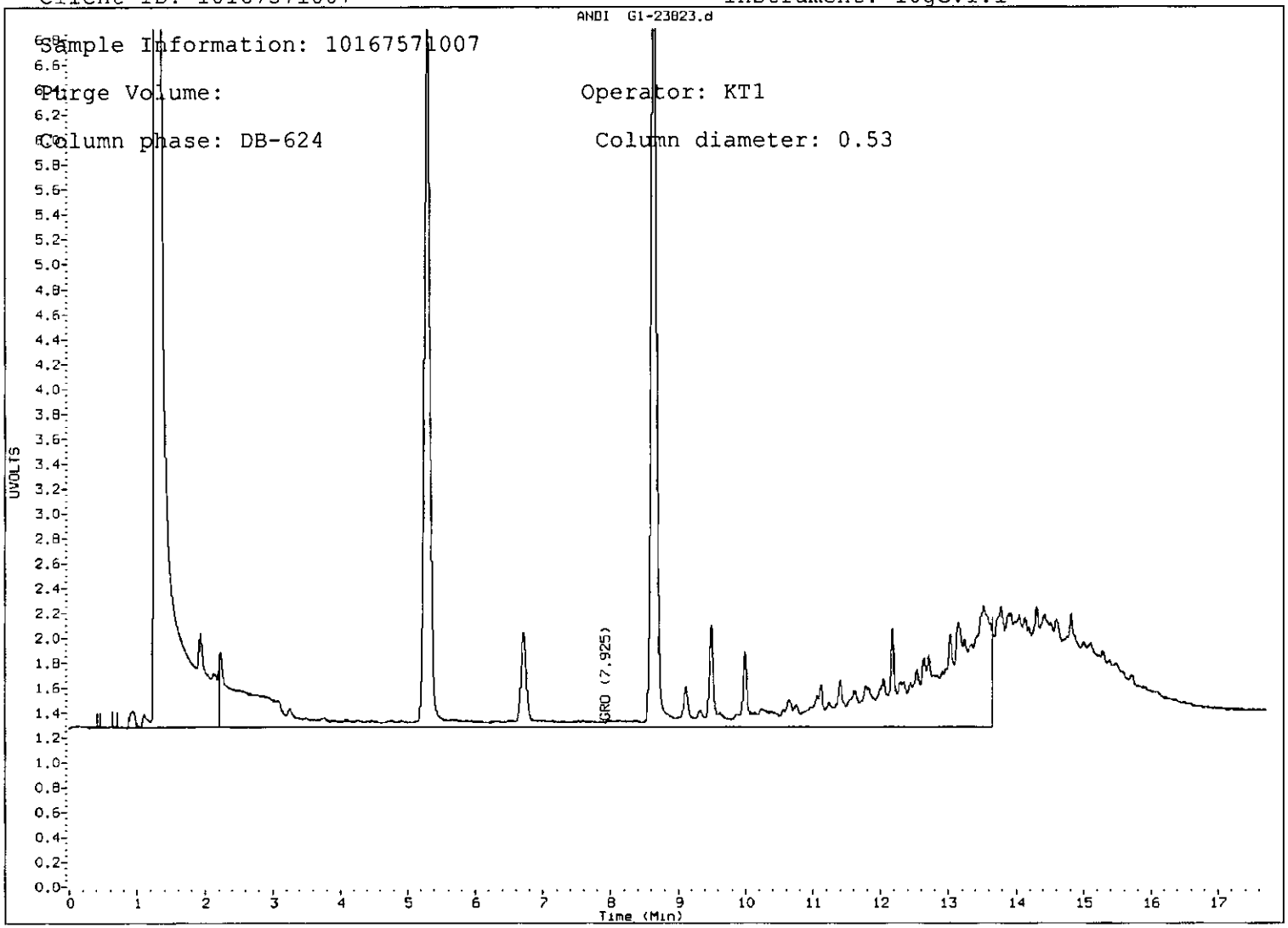
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23823.d

Report Date: 08/29/2011

Sample ID: 10167571007

Client ID: 10167571007 Instrument: 10gcv1.i



Report Date: 29-Aug-2011 10:29

Pace Analytical Services, Inc.

Polychlorinated Biphenyls by Method SW8082

Data file : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\08261105.d

Lab Smp Id: 10167571007 Client Smp ID: 10167571007

Inj Date : 26-AUG-2011 17:41

Operator : KL1 Inst ID: 10gcs7.i

Smp Info : 10167571007

Misc Info : 8519

Comment :

Method : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\PCB07-082211f.m

Meth Date : 29-Aug-2011 10:05 klightner Quant Type: ESTD

Cal Date : 23-AUG-2011 04:32 Cal File: 08221145.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/ml)	(ug/Kg)
$ 1 Tetrachloro-m-xylene	2.619	2.622	-0.003	11432925		0.12531	42
24 Aroclor-1221	Compound Not Detected.						
25 Aroclor-1232	Compound Not Detected.						
23 Aroclor-1016	Compound Not Detected.						
26 Aroclor-1242	Compound Not Detected.						
27 Aroclor-1248	Compound Not Detected.						
28 Aroclor-1254	Compound Not Detected.						
29 Aroclor-1260	Compound Not Detected.						
46 Aroclor-1262	Compound Not Detected.						
44 Aroclor-1268	Compound Not Detected.						
$ 30 Decachlorobiphenyl (s)	9.150	9.142	0.008	7185910		0.09031	30(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b/08261105.d

Report Date: 08/29/2011

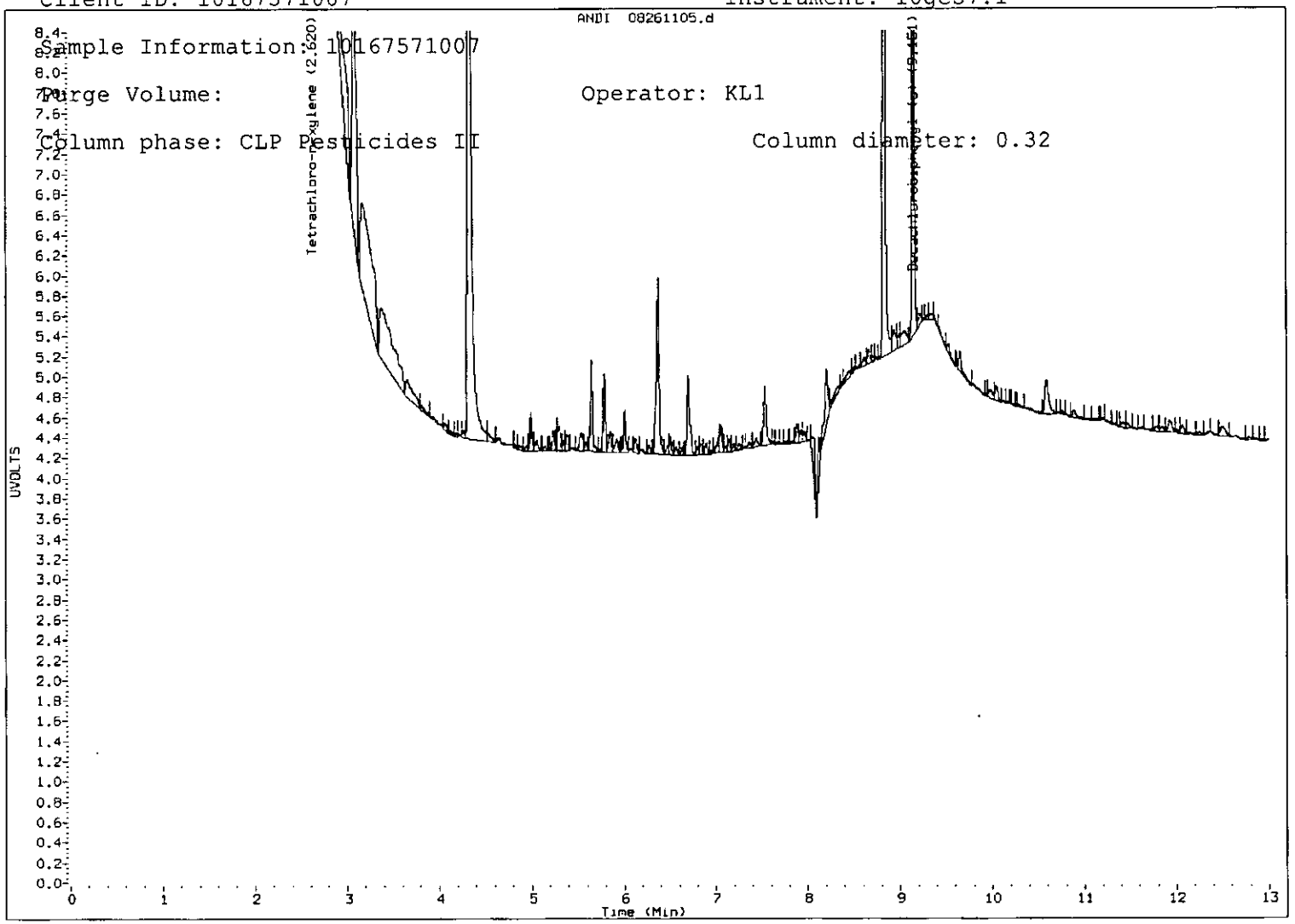
Sample ID: 10167571007

Client ID: 10167571007 Instrument: 10gcs7.i

Sample Information: 10167571007

Purge Volume: Operator: KL1

Column phase: CLP Pesticides II Column diameter: 0.32



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23824.d

Lab Smp Id: 10167571008 Client Smp ID: 10167571008

Inj Date : 26-AUG-2011 23:06

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571008

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200	-13.650		908851	34.5427	1.727(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23824.d

Report Date: 08/29/2011

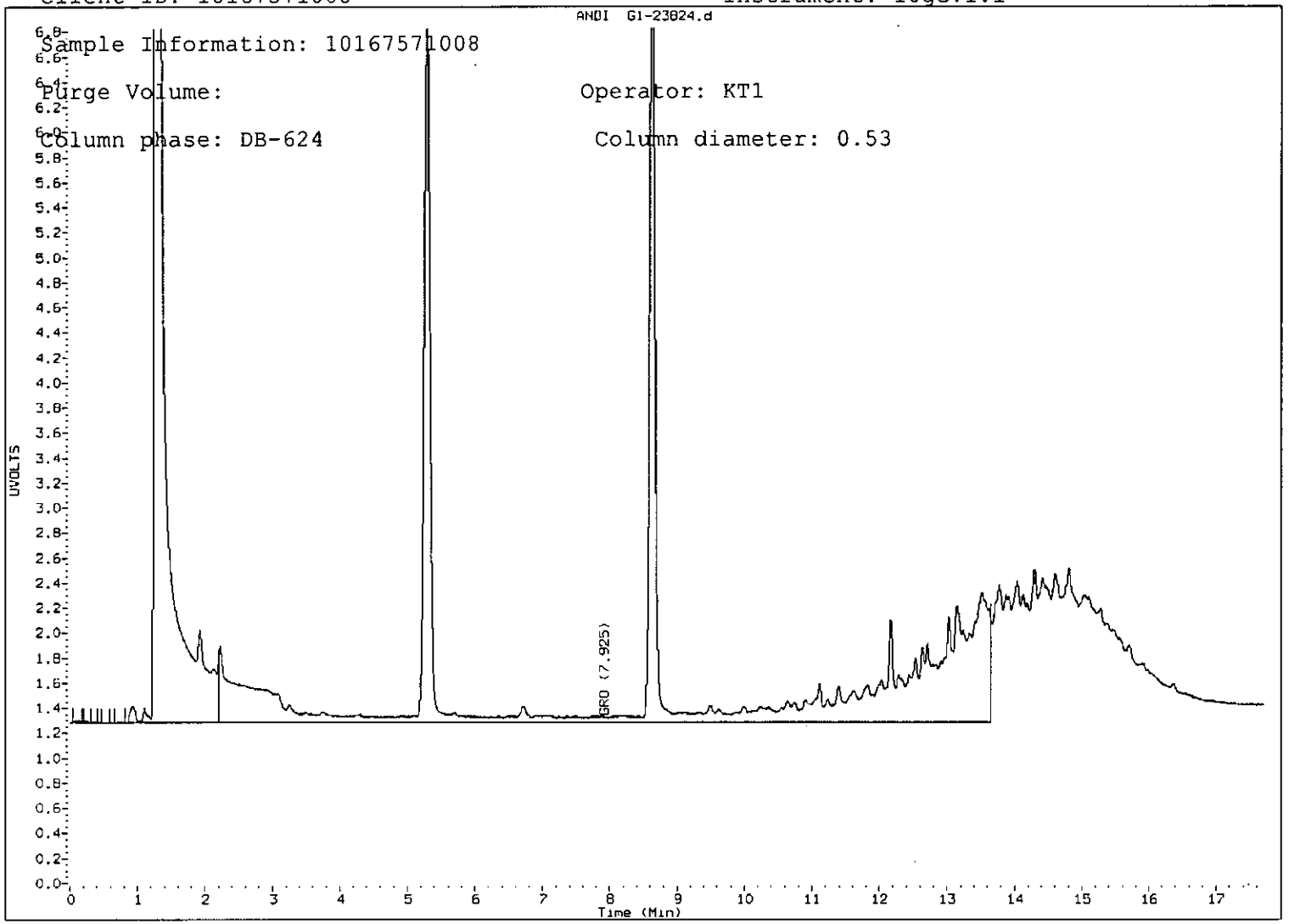
Sample ID: 10167571008

Client ID: 10167571008 Instrument: 10gcv1.i

Sample Information: 10167571008

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 10:45

Pace Analytical Services, Inc.

Polychlorinated Biphenyls by Method SW8082

Data file : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\08261120.d

Lab Smp Id: 10167571008 Client Smp ID: 10167571008

Inj Date : 26-AUG-2011 21:40

Operator : KL1 Inst ID: 10gcs7.i

Smp Info : 10167571008, 10x

Misc Info : 8519

Comment :

Method : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\PCB07-082211f.m

Meth Date : 29-Aug-2011 10:05 klightner Quant Type: ESTD

Cal Date : 23-AUG-2011 04:32 Cal File: 08221145.d

Als bottle: 1

Dil Factor: 10.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description

DF	10.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/ml)	(ug/Kg)
$ 1 Tetrachloro-m-xylene	2.624	2.622	0.002	785589		0.00861	29
24 Aroclor-1221	Compound Not Detected.						
25 Aroclor-1232	Compound Not Detected.						
23 Aroclor-1016	Compound Not Detected.						
26 Aroclor-1242	Compound Not Detected.						
27 Aroclor-1248	Compound Not Detected.						
28 Aroclor-1254	Compound Not Detected.						
29 Aroclor-1260	Compound Not Detected.						
46 Aroclor-1262	Compound Not Detected.						
44 Aroclor-1268	Compound Not Detected.						
$ 30 Decachlorobiphenyl (s)	9.145	9.142	0.003	661127		0.00831	28(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b/08261120.d

Report Date: 08/29/2011

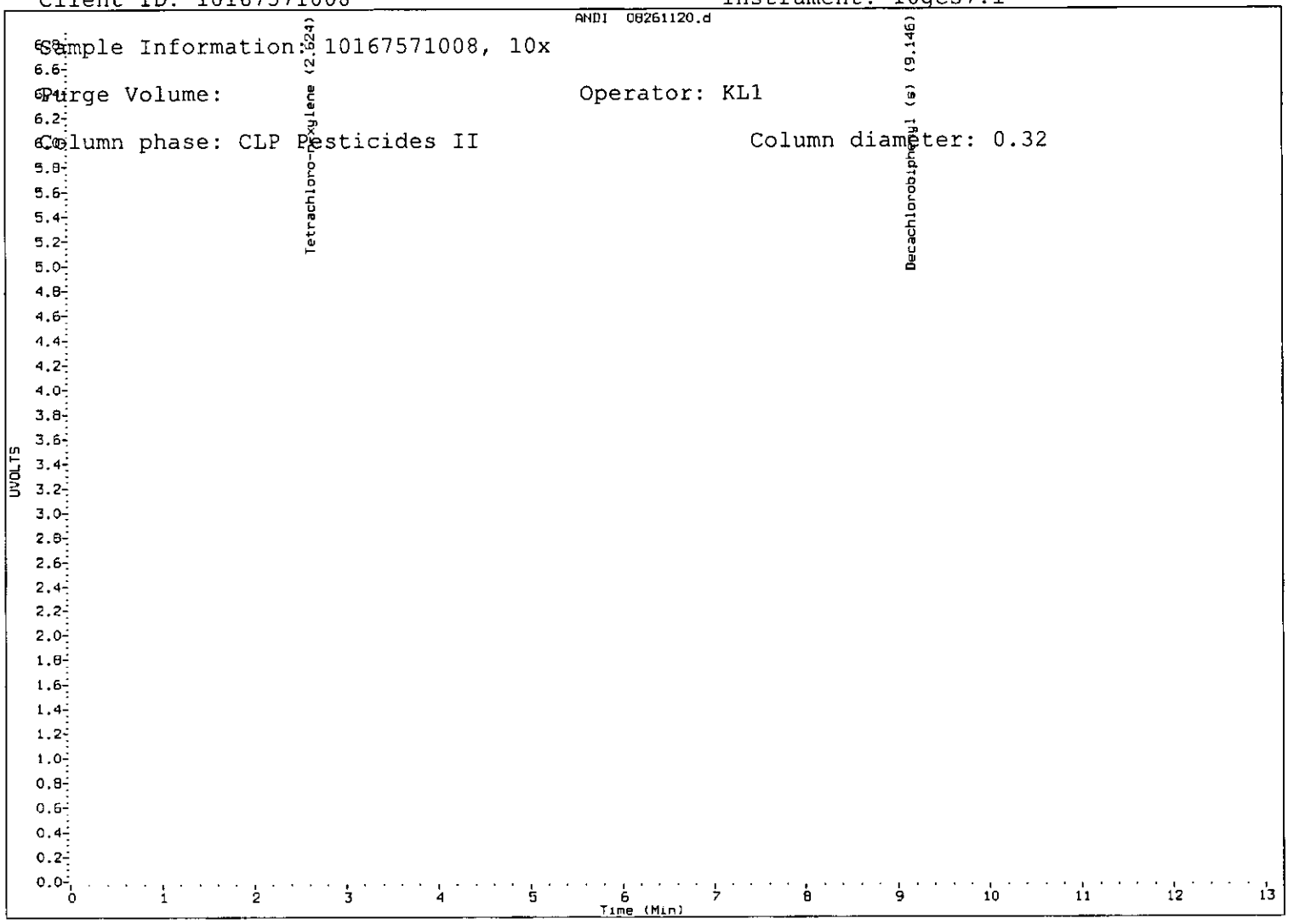
Sample ID: 10167571008

Client ID: 10167571008 Instrument: 10gcs7.i

Sample Information: 10167571008, 10x

Purge Volume: Operator: KL1

Column phase: CLP Pesticides II Column diameter: 0.32



Report Date: 29-Aug-2011 09:46

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23824.d

Lab Smp Id: 10167571008 Client Smp ID: 10167571008

Inj Date : 26-AUG-2011 23:06

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571008

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (mg/Kg)
	1 Methyl-t-butyl ether	Compound Not Detected.					
	2 Benzene	4.076	4.093	(0.472)	609	0.01909	0.000954(a)
$	3 a,a,a-Trifluorotoluene (S)	5.286	5.286	(0.613)	293676	18.8865	0.944
	4 Toluene	6.710	6.706	(0.778)	6850	0.23087	0.0115(a)
*	5 Chlorofluorobenzene	8.630	8.630	(1.000)	626956	20.0000	
	6 Ethylbenzene	9.303	9.316	(1.078)	2455	0.10076	0.00504(a)
	7 m&p-Xylene	9.500	9.493	(1.101)	5920	0.21378	0.0107(a)
	8 o-Xylene	9.990	9.986	(1.158)	3735	0.14204	0.00710(a)
	10 1,3,5-Trimethylbenzene	11.060	11.056	(1.282)	3802	0.12067	0.00603(a)
	11 1,2,4-Trimethylbenzene	11.400	11.403	(1.321)	4667	0.18016	0.00901(a)
	12 Naphthalene	13.516	13.510	(1.566)	44277	2.58739	0.129

QC Flag Legend

a - Target compound detected but, quantitated amount

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23824.d

Report Date: 08/29/2011

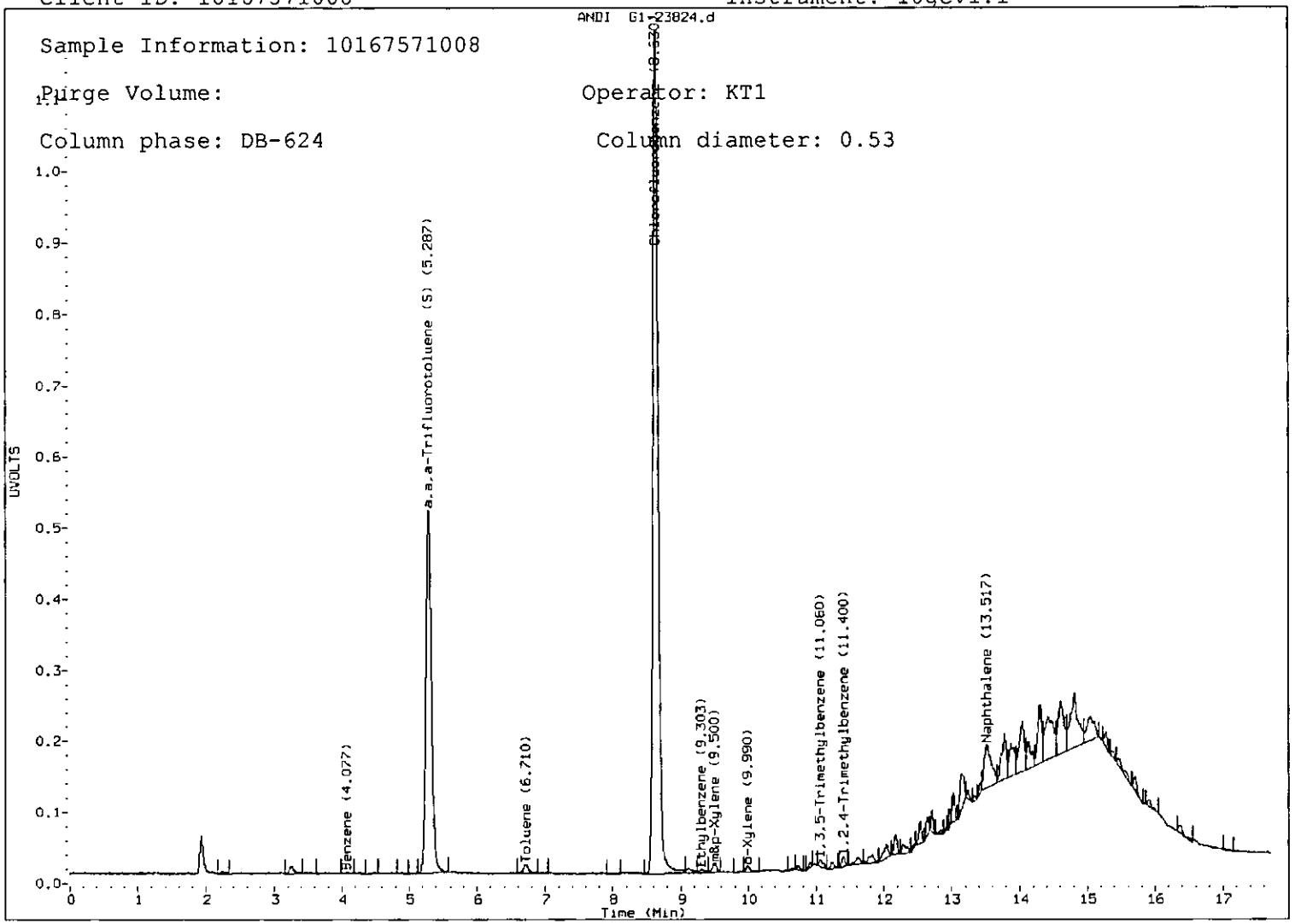
Sample ID: 10167571008

Client ID: 10167571008 Instrument: 10gcv1.i

Sample Information: 10167571008

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 16:05

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs9.i\082911dro.b\082911000037.D

Lab Smp Id: 10167571008

Inj Date : 29-AUG-2011 15:42

Operator : JRH Inst ID: 10gcs9.i

Smp Info : 10167571008,5

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs9.i\082911dro.b\WDRO9-082411.m

Meth Date : 29-Aug-2011 15:49 jheinecke Quant Type: ESTD

Cal Date : 24-AUG-2011 13:58 Cal File: 082411000015.D

Als bottle: 1

Dil Factor: 5.00000

Integrator: HP Genie Compound Sublist: dro.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	5.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S 1 Diesel Range Organics	0.830-2.060			821837745	2168.62	434
S 2 n-Triacontane (S)	2.134	2.123	0.011	5224532	19.8033	3.96(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

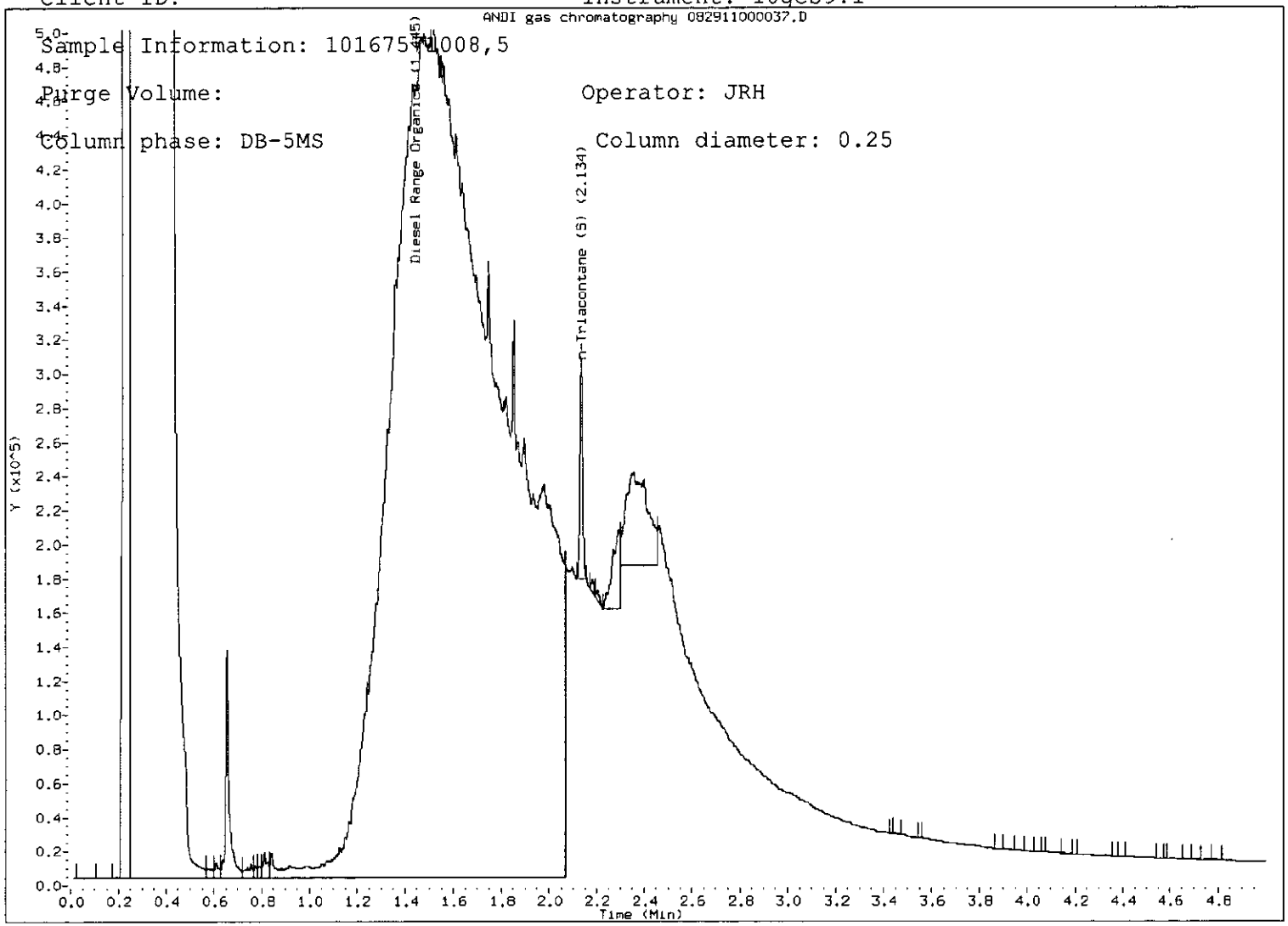
M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs9.i\082911dro.b/082911000037.D

Report Date: 08/29/2011

Sample ID: 10167571008

Client ID: Instrument: 10gcs9.i



Sample Information: 10167571008,5

Purge Volume: Operator: JRH

Column phase: DB-5MS Column diameter: 0.25

Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23825.d

Lab Smp Id: 10167571009 Client Smp ID: 10167571009

Inj Date : 26-AUG-2011 23:29

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571009

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200-13.650			786242	18.0251	0.9012(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23825.d

Report Date: 08/29/2011

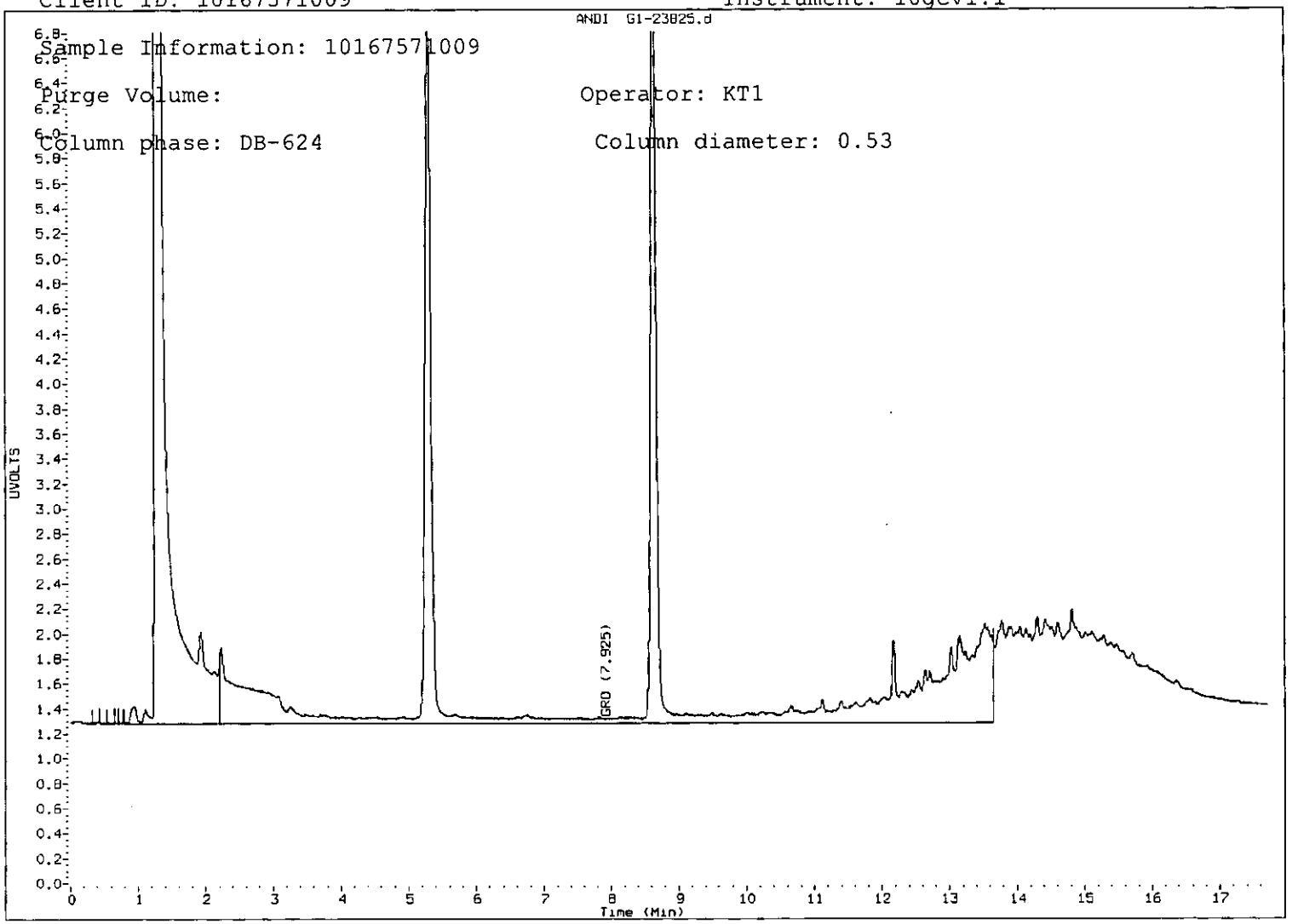
Sample ID: 10167571009

Client ID: 10167571009 Instrument: 10gcv1.i

Sample Information: 10167571009

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:46

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23825.d

Lab Smp Id: 10167571009 Client Smp ID: 10167571009

Inj Date : 26-AUG-2011 23:29

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571009

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex

Cpnd Variable Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (mg/Kg)
1	Methyl-t-butyl ether	Compound Not Detected.					
2	Benzene	4.103	4.093	(0.475)	757	0.02383	0.00119(a)
$ 3	a,a,a-Trifluorotoluene (S)	5.290	5.286	(0.613)	293210	18.9335	0.947
4	Toluene	6.686	6.706	(0.775)	2180	0.07378	0.00369(a)
* 5	Chlorofluorobenzene	8.630	8.630	(1.000)	624405	20.0000	
6	Ethylbenzene	9.296	9.316	(1.077)	1151	0.04743	0.00237(a)
7	m&p-Xylene	9.463	9.493	(1.097)	1045	0.03789	0.00189(a)
8	o-Xylene	9.996	9.986	(1.158)	1361	0.05197	0.00260(a)
10	1,3,5-Trimethylbenzene	11.060	11.056	(1.282)	3299	0.10513	0.00526(a)
11	1,2,4-Trimethylbenzene	11.403	11.403	(1.321)	2318	0.08985	0.00449(a)
12	Naphthalene	13.520	13.510	(1.567)	124916	7.32946	0.366

QC Flag Legend

a - Target compound detected but, quantitated amount

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23825.d

Report Date: 08/29/2011

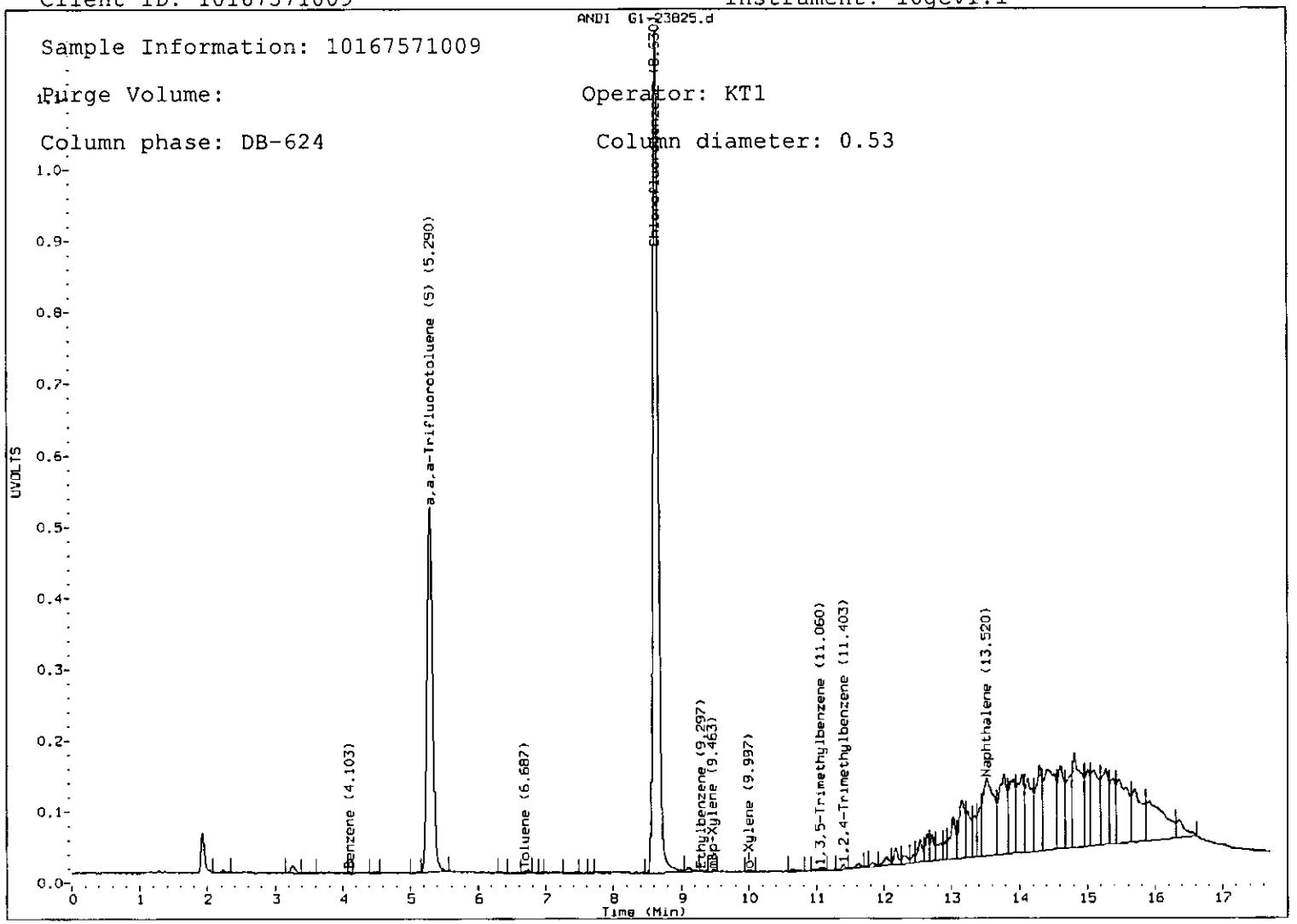
Sample ID: 10167571009

Client ID: 10167571009 Instrument: 10gcv1.i

Sample Information: 10167571009

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 14:32

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\082911f.b\241F0032.D

Lab Smp Id: 10167571009

Inj Date : 29-AUG-2011 14:14

Operator : JRH Inst ID: 10gcs5.i

Smp Info : 10167571009

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\082911f.b\WDRO5-081611F.m

Meth Date : 29-Aug-2011 12:21 jheinecke Quant Type: ESTD

Cal Date : 16-AUG-2011 13:59 Cal File: 228F0022.D

Als bottle: 17

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg).
S 2 DRO	1.380-2.680			21182598	139.770	5.59(a)
$ 5 n-Triacontane (S)	2.762	2.765	-0.003	7690358	82.8334	3.31(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

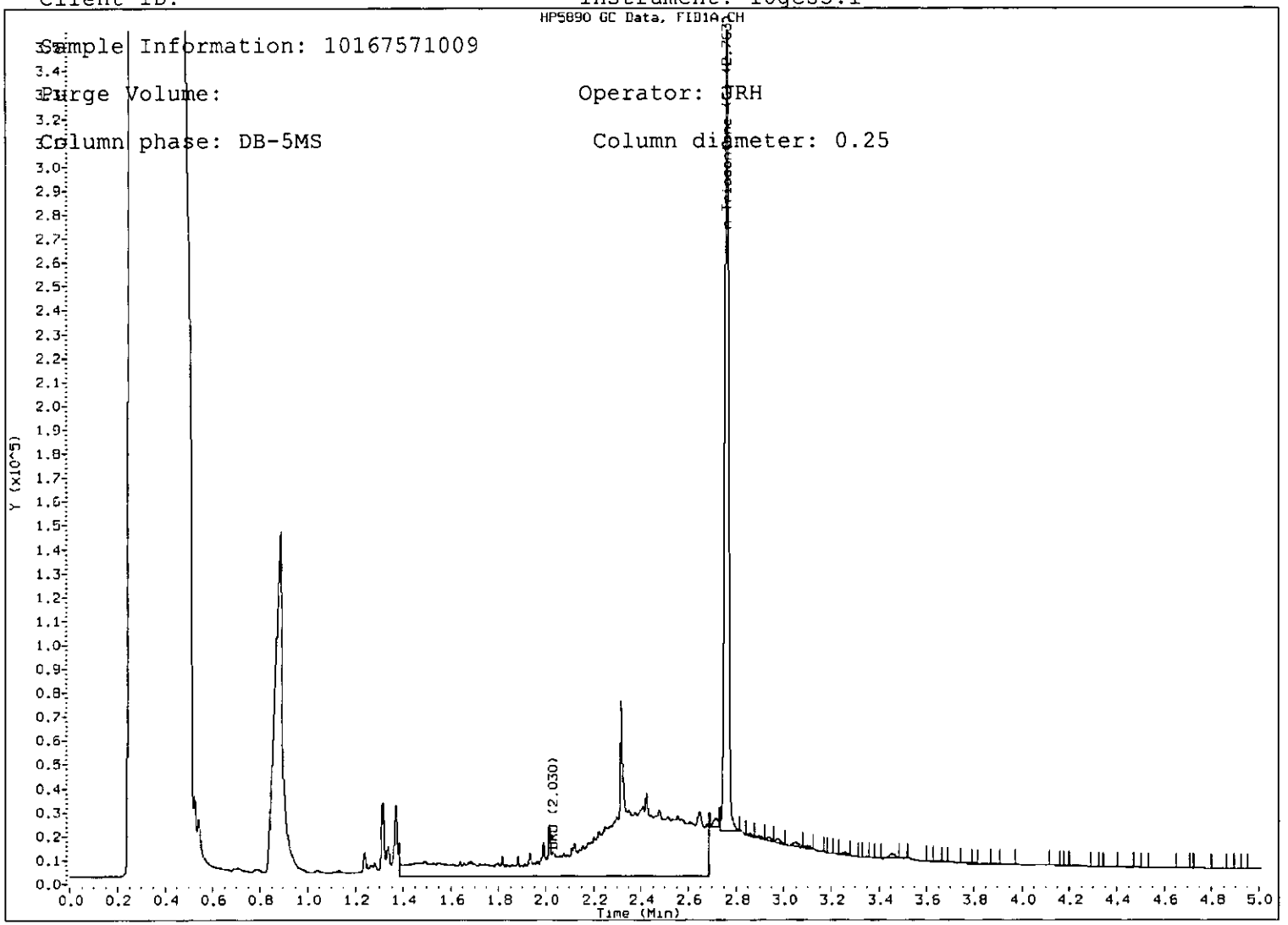
M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\082911f.b/241F0032.D

Report Date: 08/29/2011

Sample ID: 10167571009

Client ID: Instrument: 10gcs5.i



Report Date: 29-Aug-2011 10:36

Pace Analytical Services, Inc.

Polychlorinated Biphenyls by Method SW8082

Data file : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\08261108.d

Lab Smp Id: 10167571009 Client Smp ID: 10167571009

Inj Date : 26-AUG-2011 18:29

Operator : KL1 Inst ID: 10gcs7.i

Smp Info : 10167571009

Misc Info : 8519

Comment :

Method : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\PCB07-082211f.m

Meth Date : 29-Aug-2011 10:05 klightner Quant Type: ESTD

Cal Date : 23-AUG-2011 04:32 Cal File: 08221145.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/Kg)
$	1 Tetrachloro-m-xylene	2.622	2.622	0.000	9703416	0.10635	35
	24 Aroclor-1221	Compound Not Detected.					
	25 Aroclor-1232	Compound Not Detected.					
	23 Aroclor-1016	Compound Not Detected.					
	26 Aroclor-1242	Compound Not Detected.					
	27 Aroclor-1248	Compound Not Detected.					
	28 Aroclor-1254	Compound Not Detected.					
	29 Aroclor-1260	Compound Not Detected.					
	46 Aroclor-1262	Compound Not Detected.					
	44 Aroclor-1268	Compound Not Detected.					
$	30 Decachlorobiphenyl (s)	9.151	9.142	0.009	7422215	0.09328	31

Data File: \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b/08261108.d

Report Date: 08/29/2011

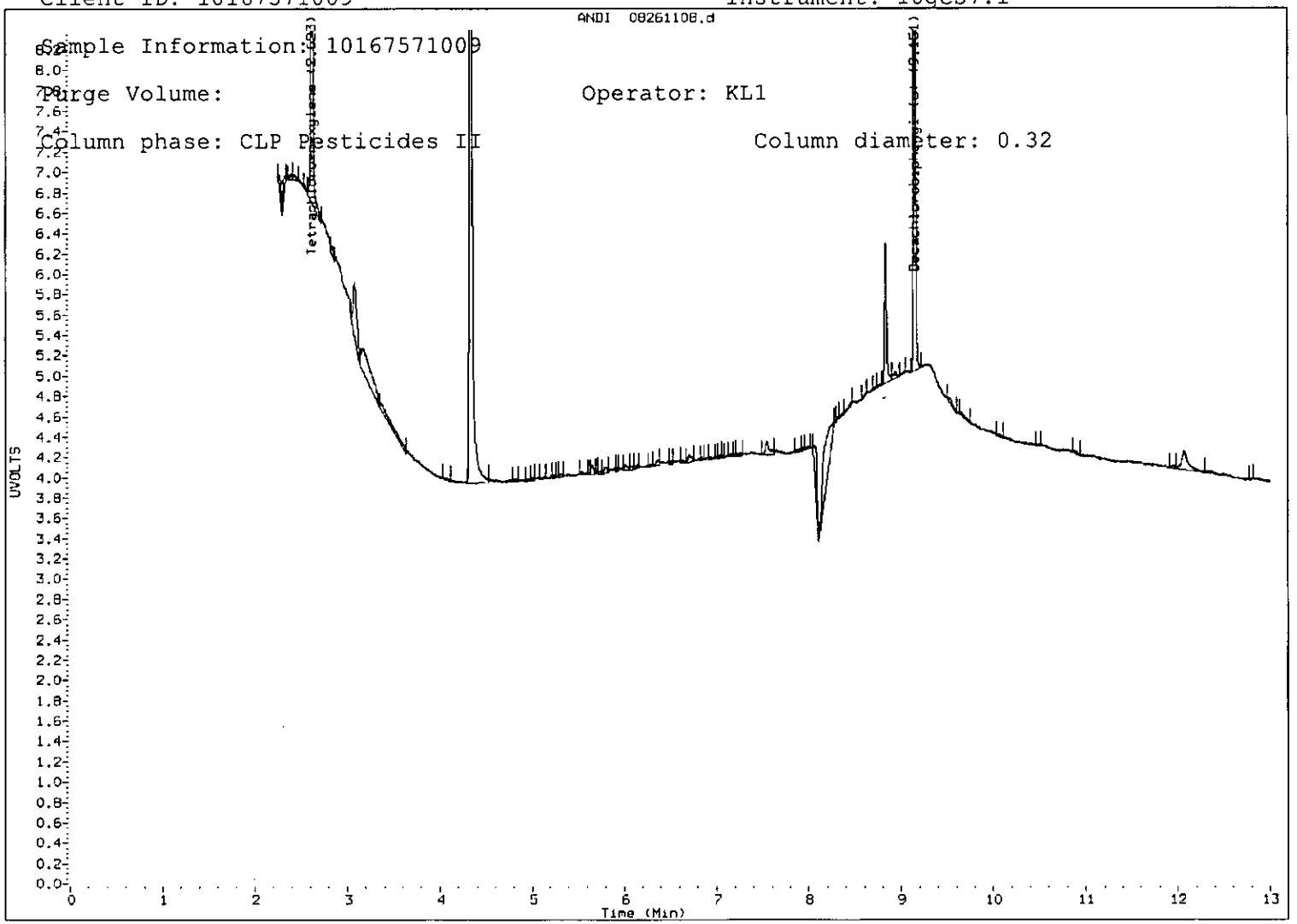
Sample ID: 10167571009

Client ID: 10167571009 Instrument: 10gcs7.i

Sample Information: 10167571009

Purge Volume: Operator: KL1

Column phase: CLP Pesticides II Column diameter: 0.32



Report Date: 29-Aug-2011 09:46

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23826.d

Lab Smp Id: 10167571010 Client Smp ID: 10167571010

Inj Date : 26-AUG-2011 23:53

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571010

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(mg/Kg)
	1 Methyl-t-butyl ether	Compound Not Detected.					
	2 Benzene	Compound Not Detected.					
$	3 a,a,a-Trifluorotoluene (S)	5.286	5.286	(0.613)	301522	19.2112	0.960
	4 Toluene	6.733	6.706	(0.780)	2881	0.09620	0.00481(a)
*	5 Chlorofluorobenzene	8.630	8.630	(1.000)	632825	20.0000	
	6 Ethylbenzene	9.313	9.316	(1.079)	557	0.02265	0.00113(a)
	7 m&p-Xylene	9.503	9.493	(1.101)	1334	0.04773	0.00239(a)
	8 o-Xylene	9.973	9.986	(1.156)	1209	0.04555	0.00228(a)
	10 1,3,5-Trimethylbenzene	11.053	11.056	(1.281)	2106	0.06622	0.00331(a)
	11 1,2,4-Trimethylbenzene	11.406	11.403	(1.322)	2206	0.08437	0.00422(a)
	12 Naphthalene	13.523	13.510	(1.567)	35127	2.03366	0.102

QC Flag Legend

a - Target compound detected but, quantitated amount

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23826.d

Report Date: 08/29/2011

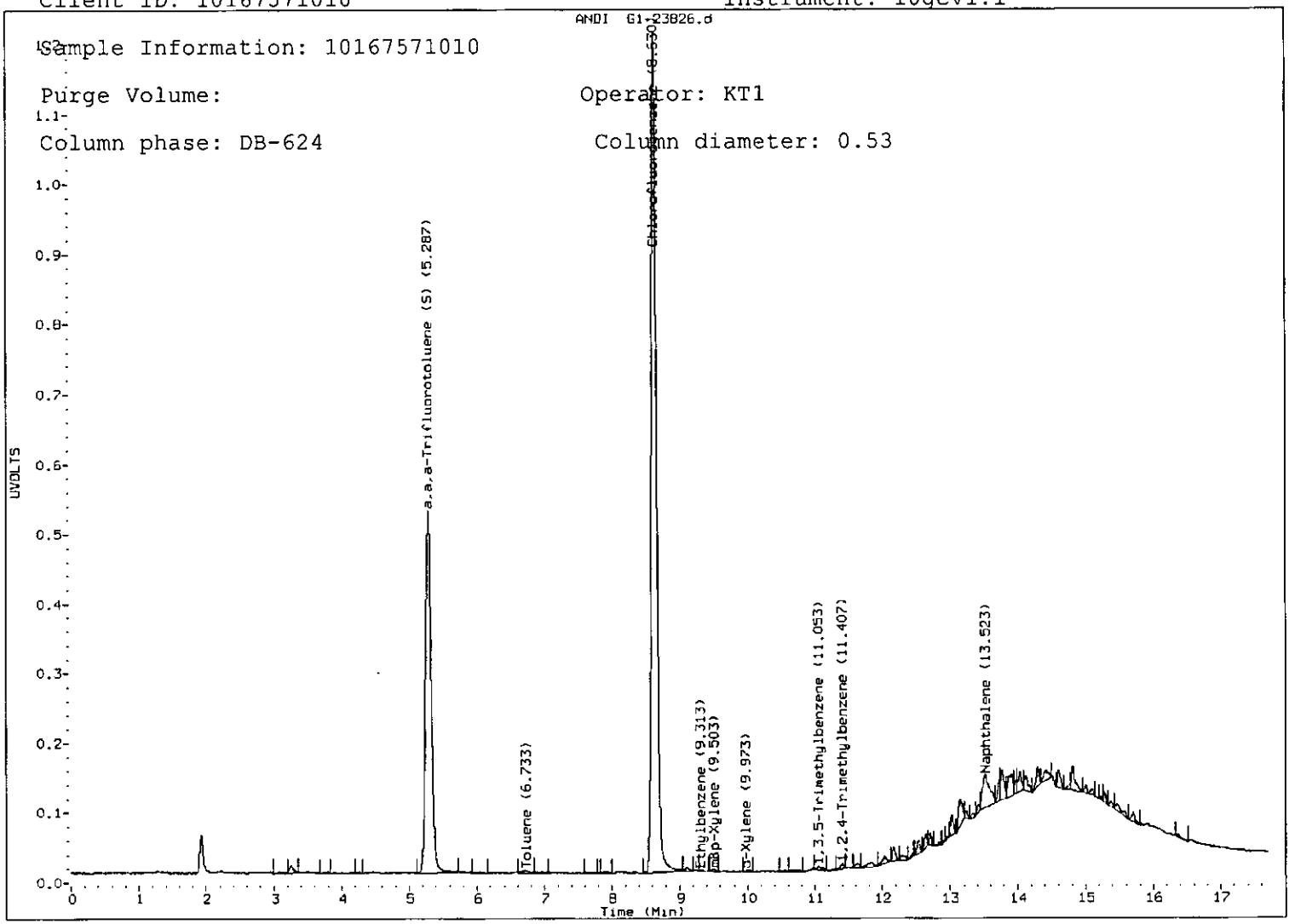
Sample ID: 10167571010

Client ID: 10167571010 Instrument: 10gcv1.i

Sample Information: 10167571010

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 10:42

Pace Analytical Services, Inc.

Polychlorinated Biphenyls by Method SW8082

Data file : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\08261119.d
Lab Smp Id: 10167571010 Client Smp ID: 10167571010
Inj Date : 26-AUG-2011 21:24
Operator : KL1 Inst ID: 10gcs7.i
Smp Info : 10167571010
Misc Info : 8519
Comment :
Method : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\PCB07-082211f.m
Meth Date : 29-Aug-2011 10:05 klightner Quant Type: ESTD
Cal Date : 23-AUG-2011 04:32 Cal File: 08221145.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/Kg)	
$ 1 Tetrachloro-m-xylene	2.624	2.622	0.002	7907376	0.08667	29(M)	
24 Aroclor-1221	Compound Not Detected.						
25 Aroclor-1232	Compound Not Detected.						
23 Aroclor-1016	Compound Not Detected.						
26 Aroclor-1242	Compound Not Detected.						
27 Aroclor-1248	Compound Not Detected.						
28 Aroclor-1254	Compound Not Detected.						
29 Aroclor-1260	Compound Not Detected.						
46 Aroclor-1262	Compound Not Detected.						
44 Aroclor-1268	Compound Not Detected.						
$ 30 Decachlorobiphenyl (s)	9.147	9.142	0.005	4906625	0.06166	20(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b/08261119.d

Report Date: 08/29/2011

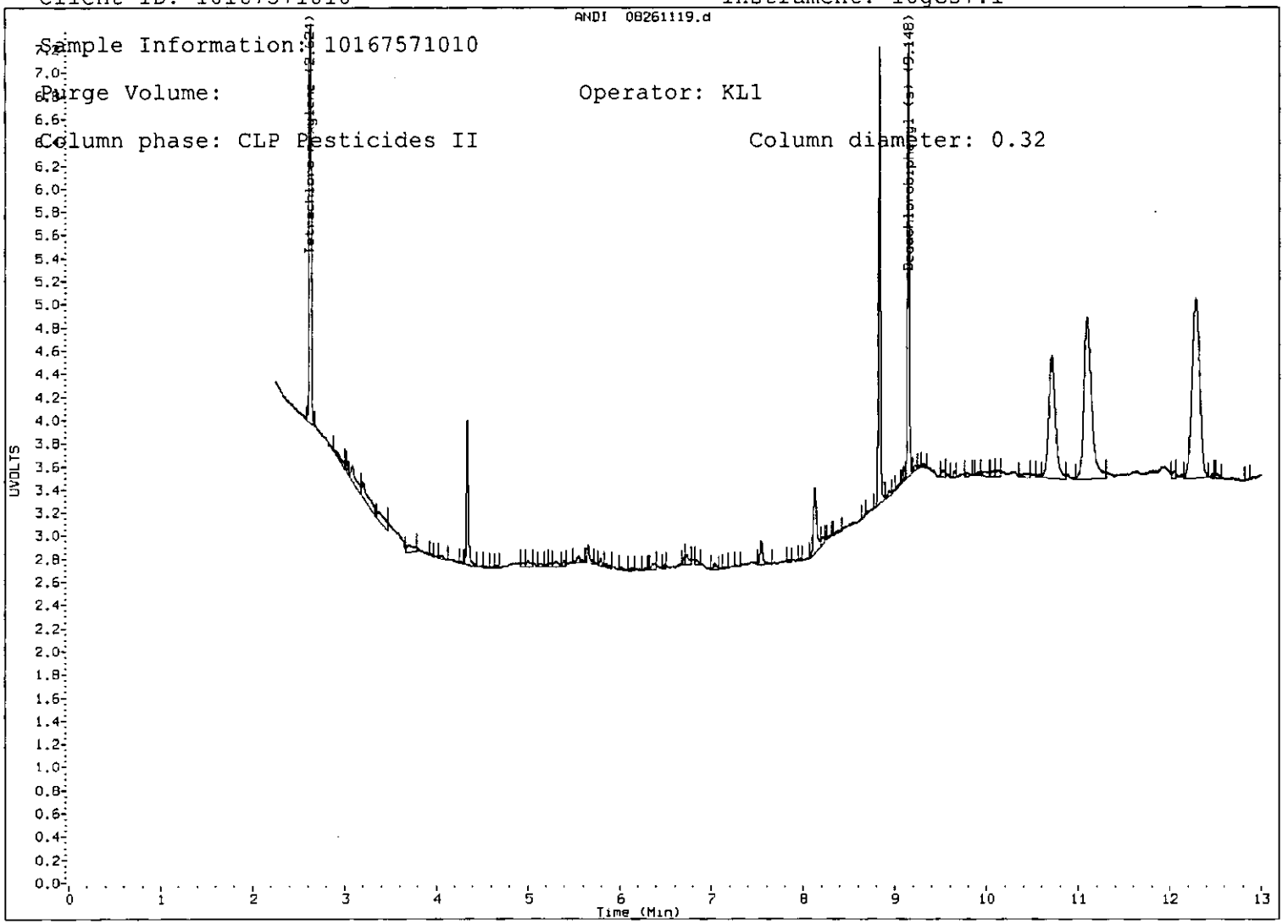
Sample ID: 10167571010

Client ID: 10167571010 Instrument: 10gcs7.i

Sample Information: 10167571010

Purge Volume: Operator: KL1

Column phase: CLP Pesticides II Column diameter: 0.32



Report Date: 29-Aug-2011 16:10

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs9.i\082911dro.b\082911000039.D

Lab Smp Id: 10167571010

Inj Date : 29-AUG-2011 15:56

Operator : JRH Inst ID: 10gcs9.i

Smp Info : 10167571010,5

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs9.i\082911dro.b\WDRO9-082411.m

Meth Date : 29-Aug-2011 16:09 jheinecke Quant Type: ESTD

Cal Date : 24-AUG-2011 13:58 Cal File: 082411000015.D

Als bottle: 1

Dil Factor: 5.00000

Integrator: HP Genie Compound Sublist: dro.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	5.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S	1 Diesel Range Organics	0.830-2.060			368911617	966.109	193
$	2 n-Triacontane (S)	2.134	2.123	0.011	4587933	17.4598	3.49(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs9.i\082911dro.b/082911000039.D

Report Date: 08/29/2011

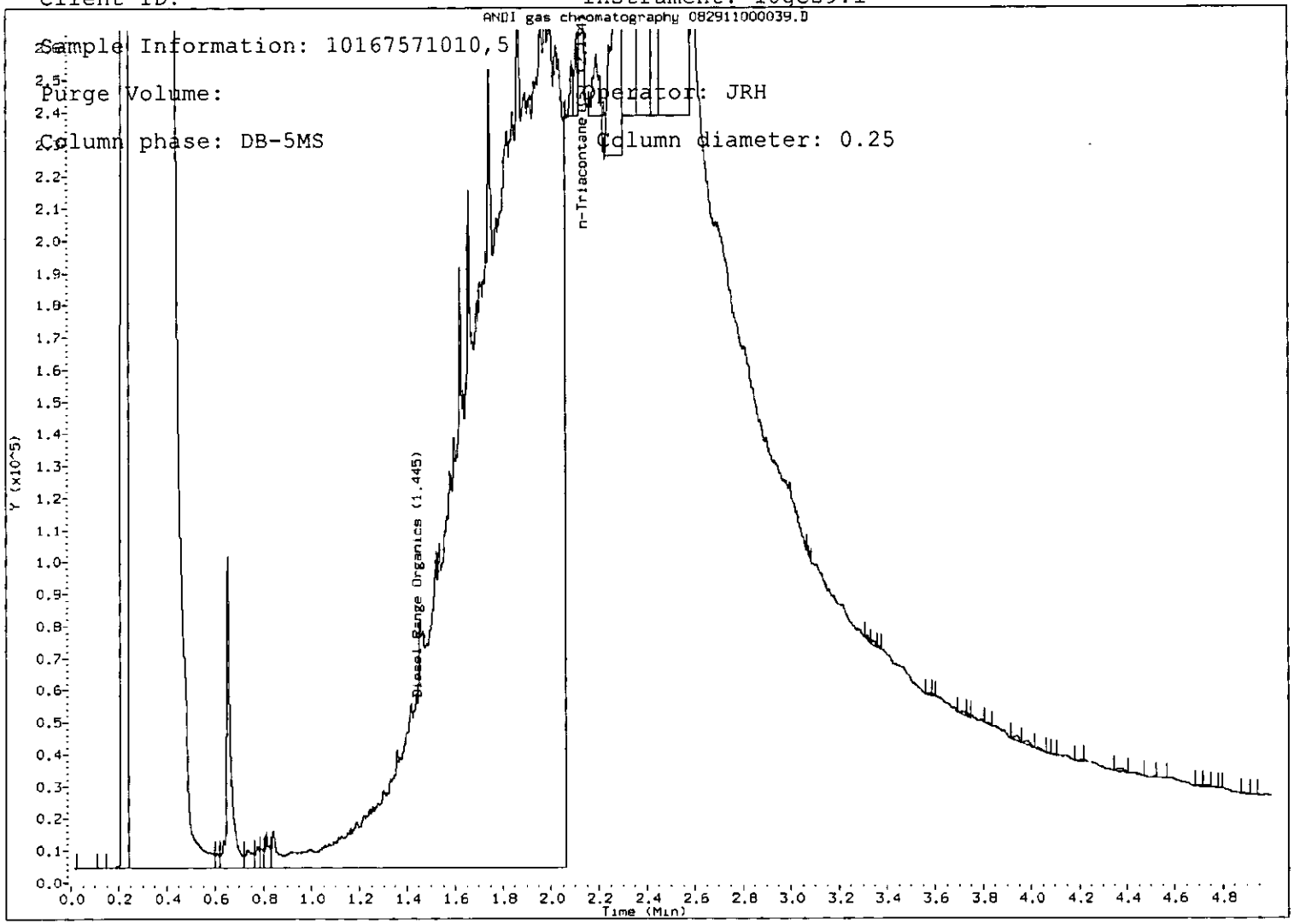
Sample ID: 10167571010

Client ID: Instrument: 10gcs9.i

Sample Information: 10167571010,5

Purge Volume: Operator: JRH

Column phase: DB-5MS Column diameter: 0.25



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23826.d

Lab Smp Id: 10167571010 Client Smp ID: 10167571010

Inj Date : 26-AUG-2011 23:53

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571010

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200	13.650		804097	20.4301	1.022(a)

QC Flag Legend

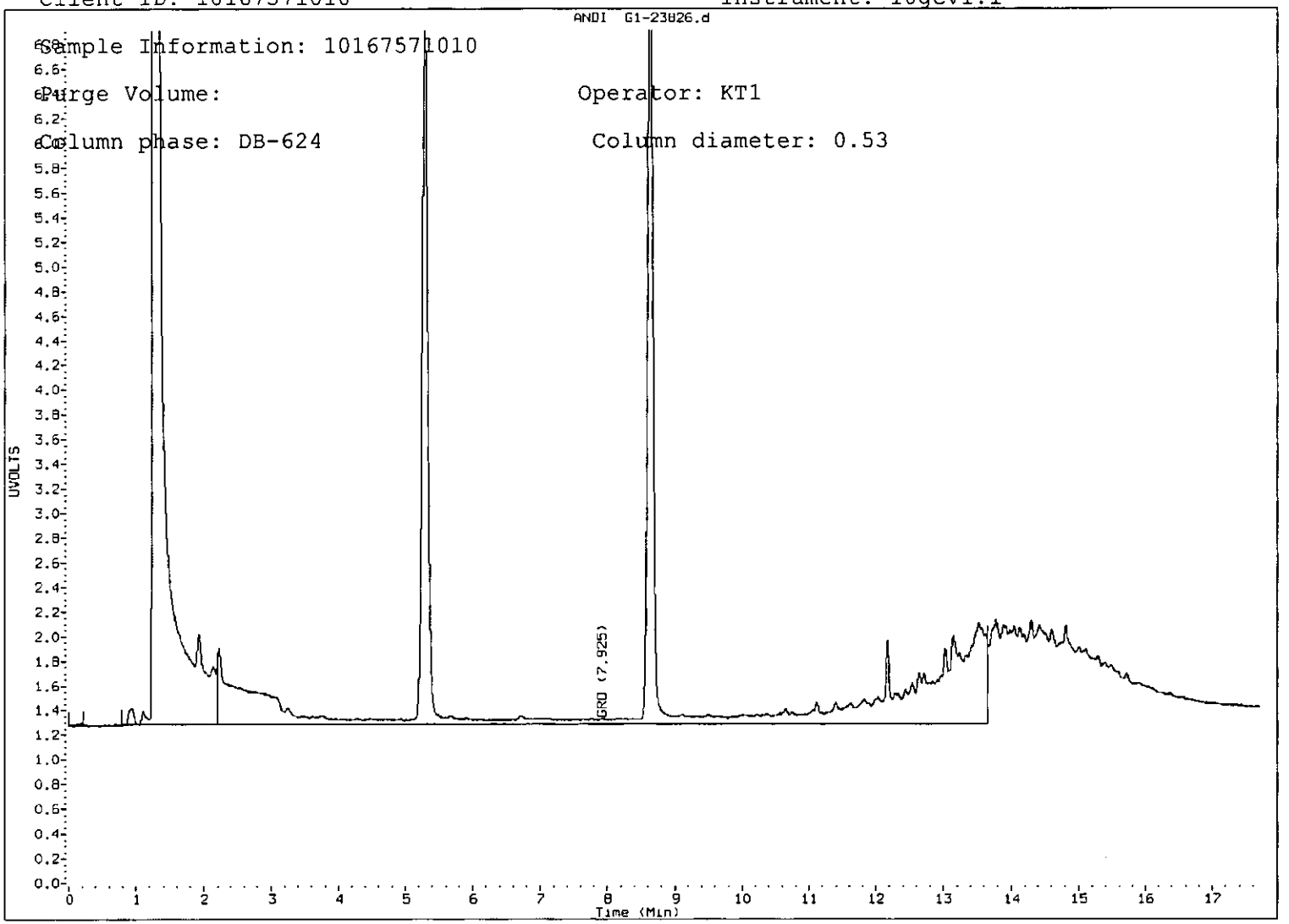
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23826.d

Report Date: 08/29/2011

Sample ID: 10167571010

Client ID: 10167571010 Instrument: 10gcv1.i



Report Date: 29-Aug-2011 10:12

Pace Analytical Services, Inc.

Polychlorinated Biphenyls by Method SW8082

Data file : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\08261109.d

Lab Smp Id: 10167571011 Client Smp ID: 10167571011

Inj Date : 26-AUG-2011 18:45

Operator : KL1 Inst ID: 10gcs7.i

Smp Info : 10167571011

Misc Info : 8519

Comment :

Method : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\PCB07-082211f.m

Meth Date : 29-Aug-2011 10:05 klightner Quant Type: ESTD

Cal Date : 23-AUG-2011 04:32 Cal File: 08221145.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

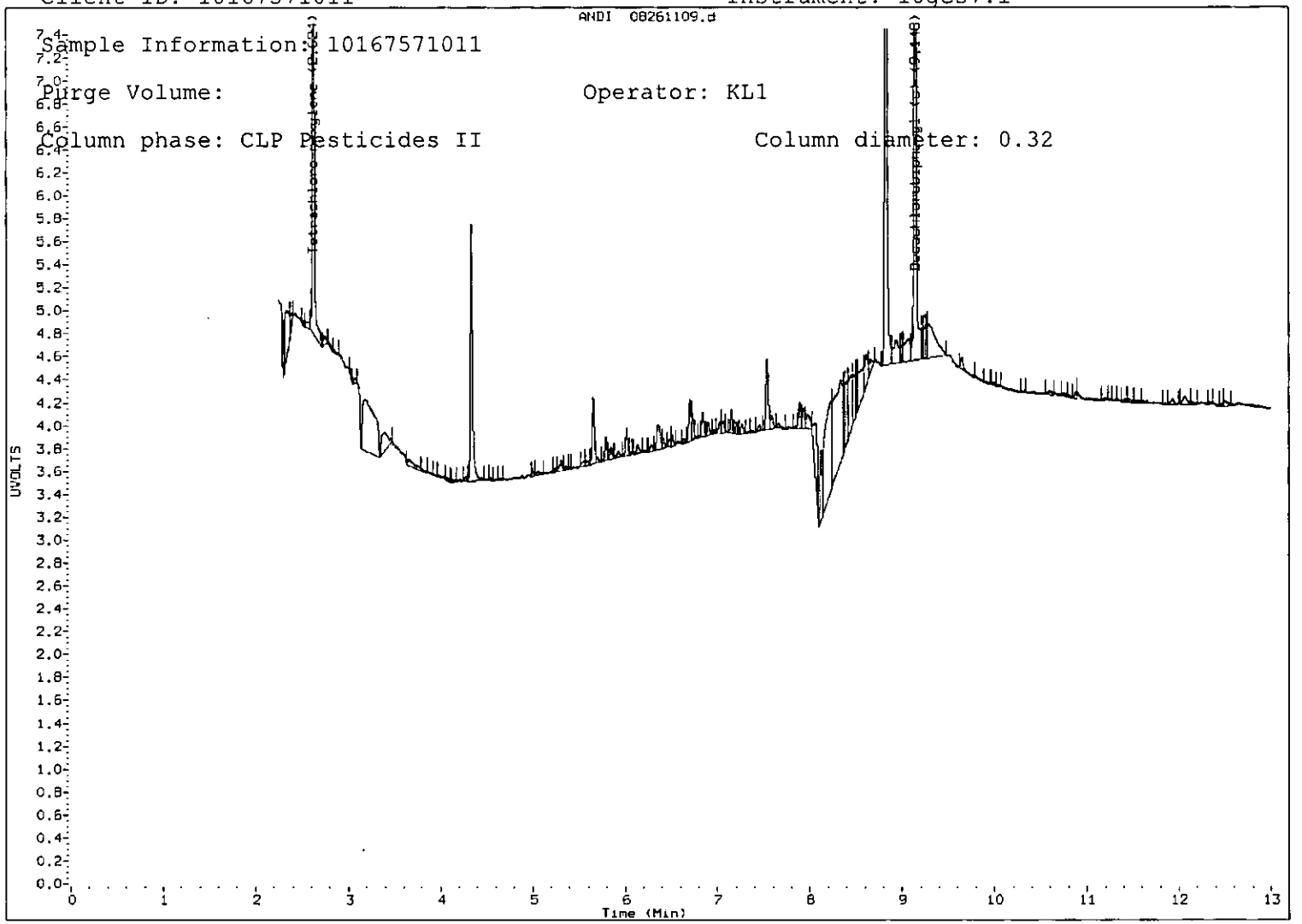
						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/Kg)
$	1 Tetrachloro-m-xylene	2.623	2.622	0.001	8783868	0.09627	32
	24 Aroclor-1221	Compound Not Detected.					
	25 Aroclor-1232	Compound Not Detected.					
	23 Aroclor-1016	Compound Not Detected.					
	26 Aroclor-1242	Compound Not Detected.					
	27 Aroclor-1248	Compound Not Detected.					
	28 Aroclor-1254	Compound Not Detected.					
	29 Aroclor-1260	Compound Not Detected.					
	46 Aroclor-1262	Compound Not Detected.					
	44 Aroclor-1268	Compound Not Detected.					
$	30 Decachlorobiphenyl (s)	9.148	9.142	0.006	8231412	0.10345	34

Data File: \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b/08261109.d

Report Date: 08/29/2011

Sample ID: 10167571011

Client ID: 10167571011 Instrument: 10gcs7.i



Sample Information: 10167571011

Purge Volume: Operator: KL1

Column phase: CLP Pesticides II Column diameter: 0.32

Report Date: 29-Aug-2011 14:29

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\082911f.b\241F0026.D

Lab Smp Id: 10167571011

Inj Date : 29-AUG-2011 13:28

Operator : JRH Inst ID: 10gcs5.i

Smp Info : 10167571011

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\082911f.b\WDRO5-081611F.m

Meth Date : 29-Aug-2011 12:21 jheinecke Quant Type: ESTD

Cal Date : 16-AUG-2011 13:59 Cal File: 228F0022.D

Als bottle: 11

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S 2 DRO	1.380-2.680			106892364	798.966	32.0
$ 5 n-Triacontane (S)	2.765	2.765	0.000	6205067	66.6528	2.67(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\082911f.b/241F0026.D

Report Date: 08/29/2011

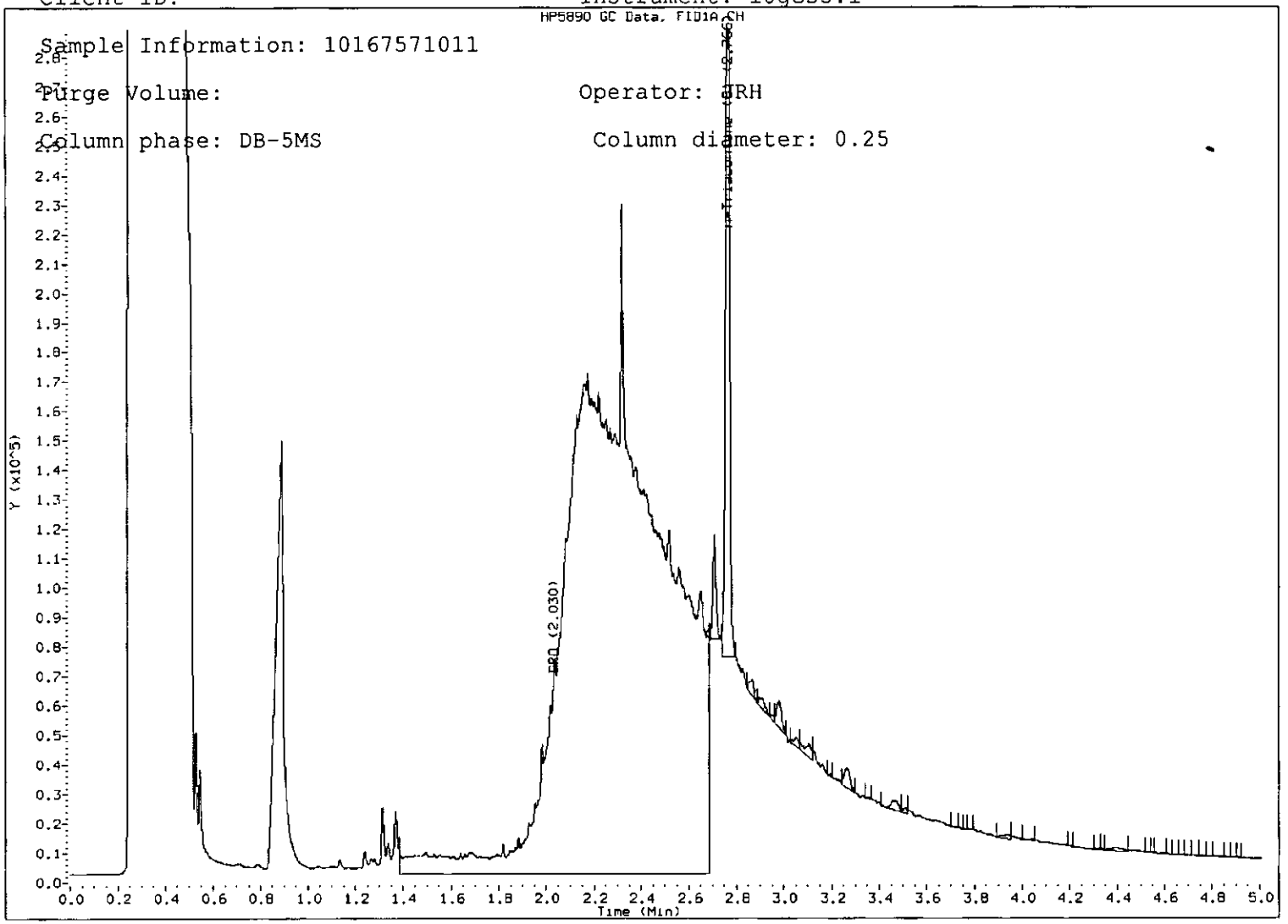
Sample ID: 10167571011

Client ID: Instrument: 10gcs5.i

Sample Information: 10167571011

Purge Volume: Operator: JRH

Column phase: DB-5MS Column diameter: 0.25



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23827.d

Lab Smp Id: 10167571011 Client Smp ID: 10167571011

Inj Date : 27-AUG-2011 00:16

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571011

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200-13.650			743362	12.2500	0.6125(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23827.d

Report Date: 08/29/2011

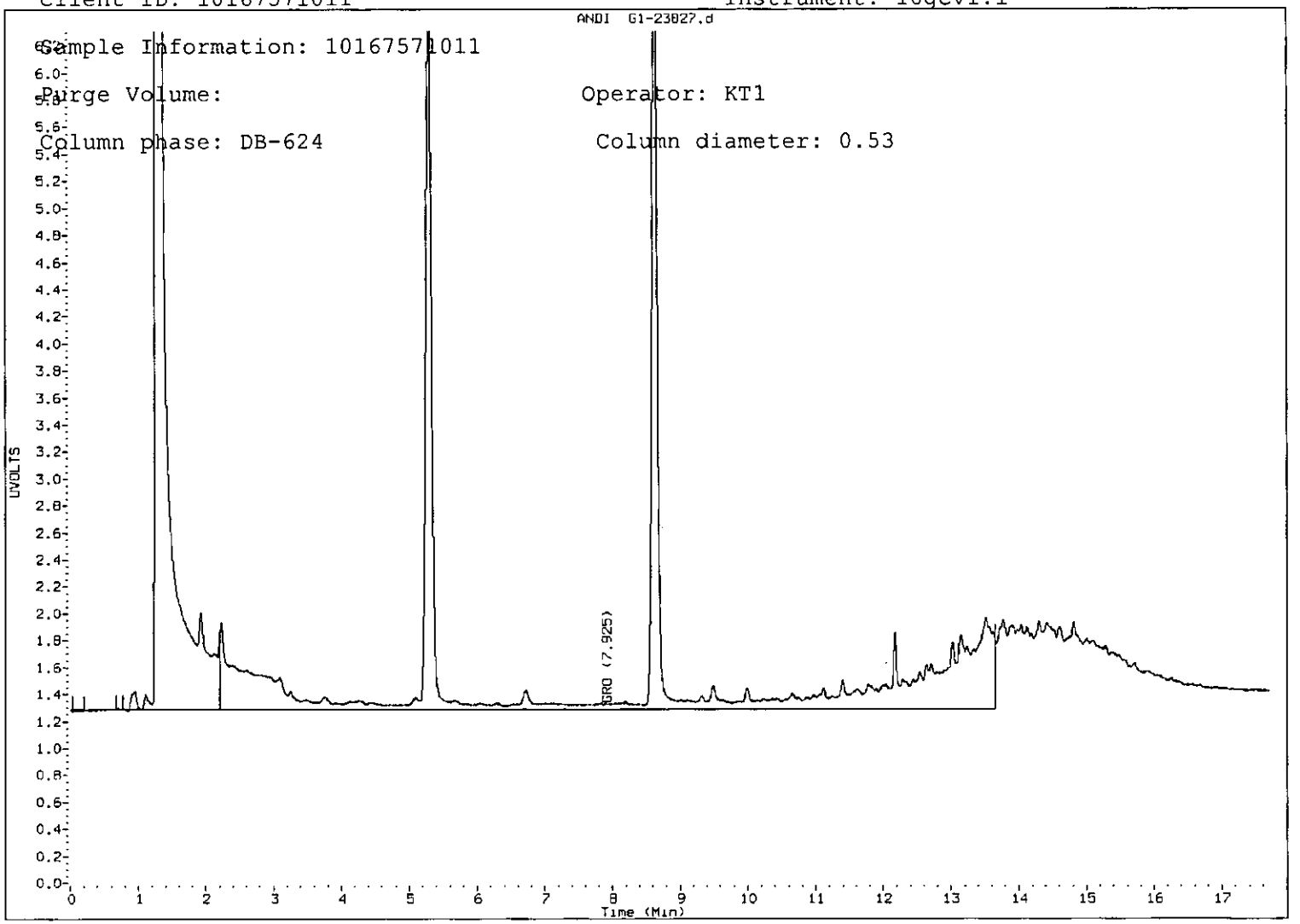
Sample ID: 10167571011

Client ID: 10167571011 Instrument: 10gcv1.i

Sample Information: 10167571011

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:46

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23827.d

Lab Smp Id: 10167571011 Client Smp ID: 10167571011

Inj Date : 27-AUG-2011 00:16

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571011

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (mg/Kg)
	1 Methyl-t-butyl ether	Compound Not Detected.					
	2 Benzene	4.096	4.093	(0.475)	1408	0.04712	0.00236(a)
$	3 a,a,a-Trifluorotoluene (S)	5.290	5.286	(0.613)	276029	18.9516	0.948
	4 Toluene	6.716	6.706	(0.778)	8822	0.31744	0.0159(a)
*	5 Chlorofluorobenzene	8.633	8.630	(1.000)	587258	20.0000	
	6 Ethylbenzene	9.306	9.316	(1.078)	4063	0.17803	0.00890(a)
	7 m&p-Xylene	9.493	9.493	(1.100)	10983	0.42343	0.0212(a)
	8 o-Xylene	9.990	9.986	(1.157)	5878	0.23864	0.0119(a)
	10 1,3,5-Trimethylbenzene	11.063	11.056	(1.281)	3044	0.10314	0.00516(a)
	11 1,2,4-Trimethylbenzene	11.406	11.403	(1.321)	5553	0.22885	0.0114(a)
	12 Naphthalene	13.516	13.510	(1.566)	60876	3.79785	0.190

QC Flag Legend

a - Target compound detected but, quantitated amount

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23827.d

Report Date: 08/29/2011

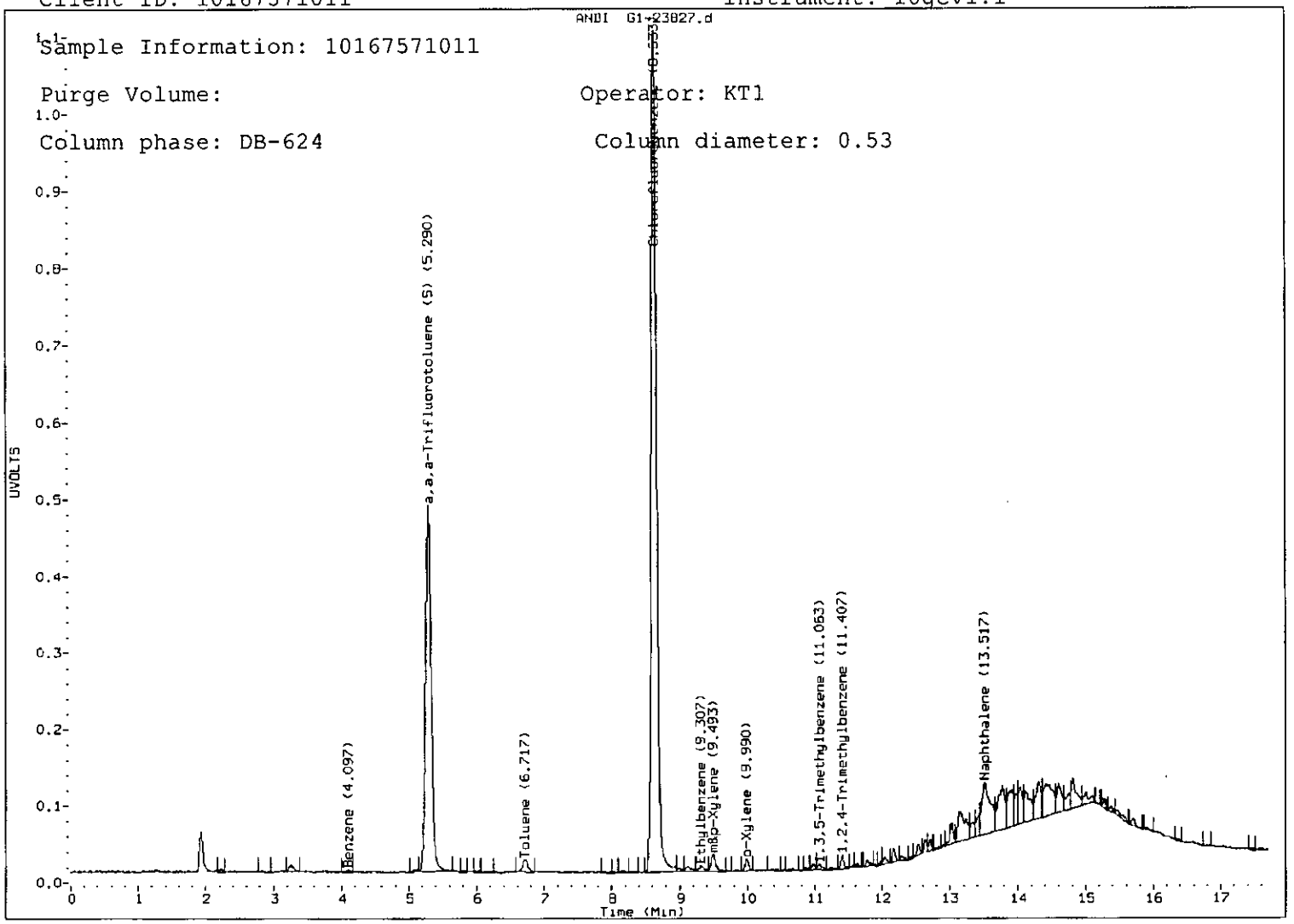
Sample ID: 10167571011

Client ID: 10167571011 Instrument: 10gcv1.i

Sample Information: 10167571011

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23828.d

Lab Smp Id: 10167571012 Client Smp ID: 10167571012

Inj Date : 27-AUG-2011 00:40

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571012

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200-13.650			774636	16.4619	0.8231(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23828.d

Report Date: 08/29/2011

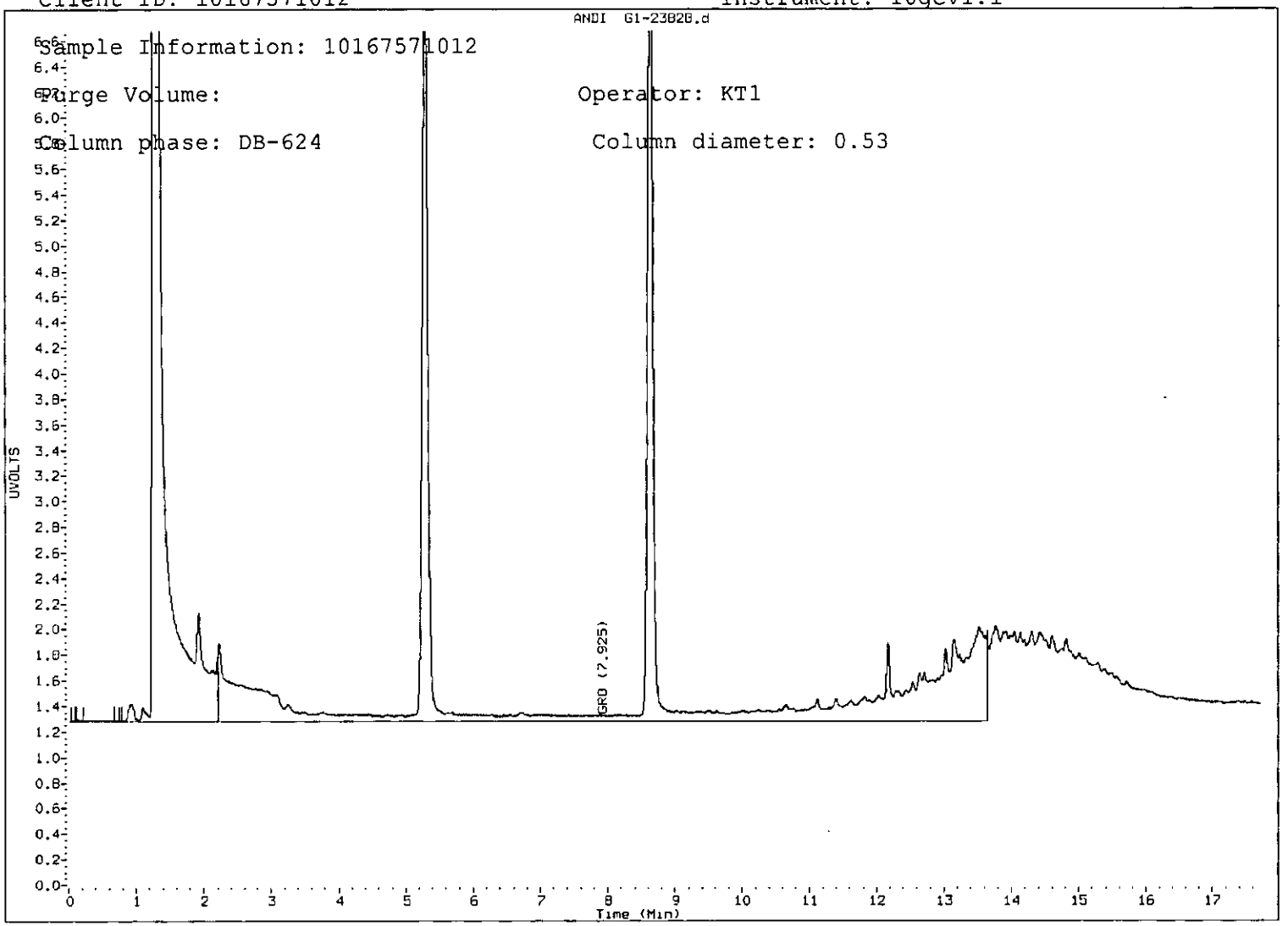
Sample ID: 10167571012

Client ID: 10167571012 Instrument: 10gcv1.i

Sample Information: 10167571012

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 10:36

Pace Analytical Services, Inc.

Polychlorinated Biphenyls by Method SW8082

Data file : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\08261110.d

Lab Smp Id: 10167571012 Client Smp ID: 10167571012

Inj Date : 26-AUG-2011 19:01

Operator : KL1 Inst ID: 10gcs7.i

Smp Info : 10167571012

Misc Info : 8519

Comment :

Method : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\PCB07-082211f.m

Meth Date : 29-Aug-2011 10:05 klightner Quant Type: ESTD

Cal Date : 23-AUG-2011 04:32 Cal File: 08221145.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

						CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
Compounds		RT	EXP RT	DLT RT	RESPONSE		
$ 1	Tetrachloro-m-xylene	2.623	2.622	0.001	9059769	0.09930	33
24	Aroclor-1221	Compound Not Detected.					
25	Aroclor-1232	Compound Not Detected.					
23	Aroclor-1016	Compound Not Detected.					
26	Aroclor-1242	Compound Not Detected.					
27	Aroclor-1248	Compound Not Detected.					
28	Aroclor-1254	Compound Not Detected.					
29	Aroclor-1260	Compound Not Detected.					
46	Aroclor-1262	Compound Not Detected.					
44	Aroclor-1268	Compound Not Detected.					
$ 30	Decachlorobiphenyl (s)	9.147	9.142	0.005	7245272	0.09105	30(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b/08261110.d

Report Date: 08/29/2011

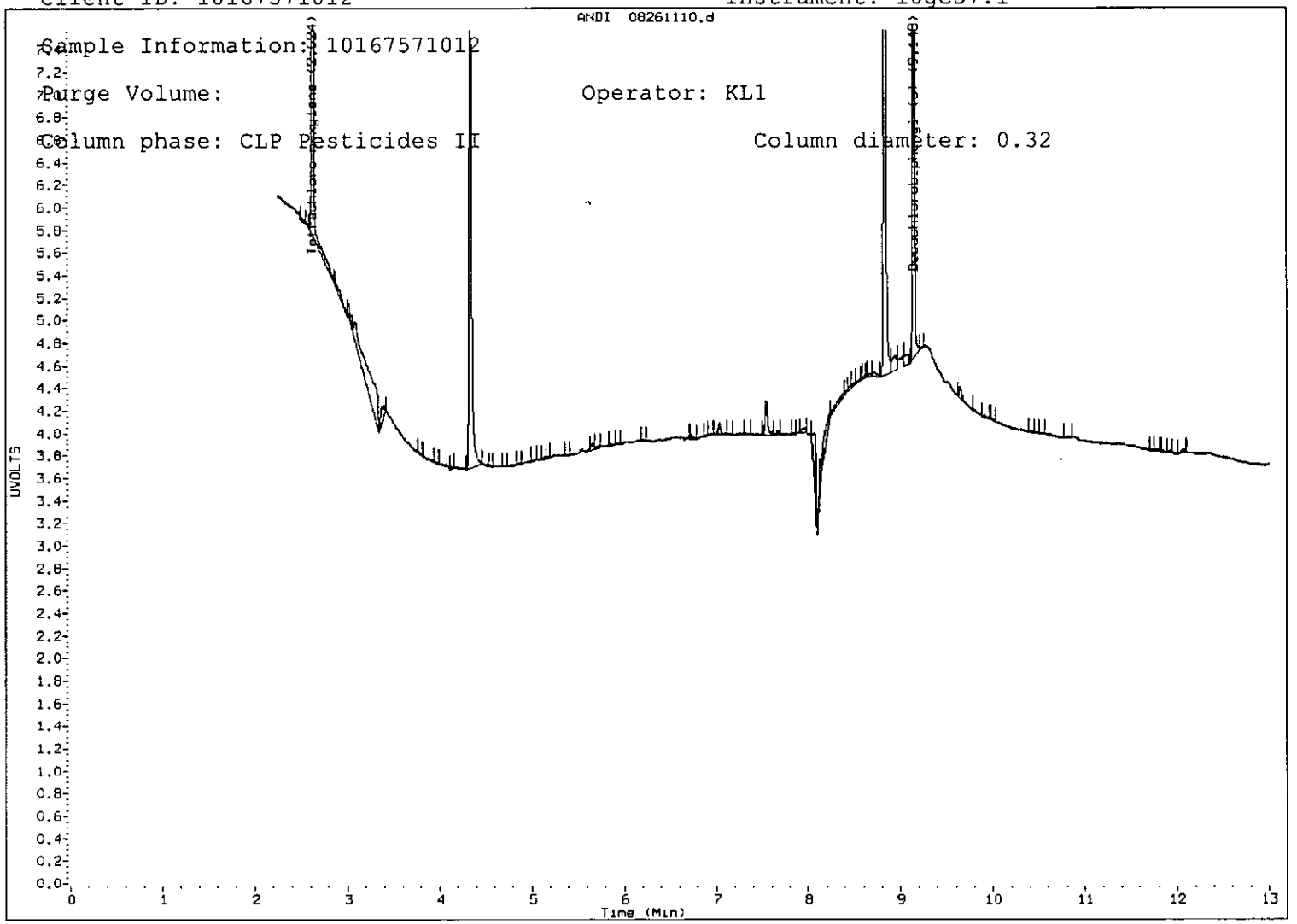
Sample ID: 10167571012

Client ID: 10167571012 Instrument: 10gcs7.i

Sample Information: 10167571012

Purge Volume: Operator: KL1

Column phase: CLP Pesticides II Column diameter: 0.32



Report Date: 29-Aug-2011 09:46

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23828.d

Lab Smp Id: 10167571012 Client Smp ID: 10167571012

Inj Date : 27-AUG-2011 00:40

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571012

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (mg/Kg)
	1 Methyl-t-butyl ether	Compound Not Detected.					
	2 Benzene	Compound Not Detected.					
$	3 a,a,a-Trifluorotoluene (S)	5.290	5.286	(0.613)	299267	19.8136	0.991
	4 Toluene	6.723	6.706	(0.779)	2174	0.07543	0.00377(a)
*	5 Chlorofluorobenzene	8.630	8.630	(1.000)	608996	20.0000	
	6 Ethylbenzene	9.300	9.316	(1.078)	1150	0.04859	0.00243(a)
	7 m&p-Xylene	9.490	9.493	(1.100)	1750	0.06506	0.00325(a)
	8 o-Xylene	10.000	9.986	(1.159)	902	0.03531	0.00176(a)
	10 1,3,5-Trimethylbenzene	11.060	11.056	(1.282)	2607	0.08518	0.00426(a)
	11 1,2,4-Trimethylbenzene	11.400	11.403	(1.321)	3340	0.13274	0.00664(a)
	12 Naphthalene	13.520	13.510	(1.567)	142808	8.59129	0.430

QC Flag Legend

a - Target compound detected but, quantitated amount

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23828.d

Report Date: 08/29/2011

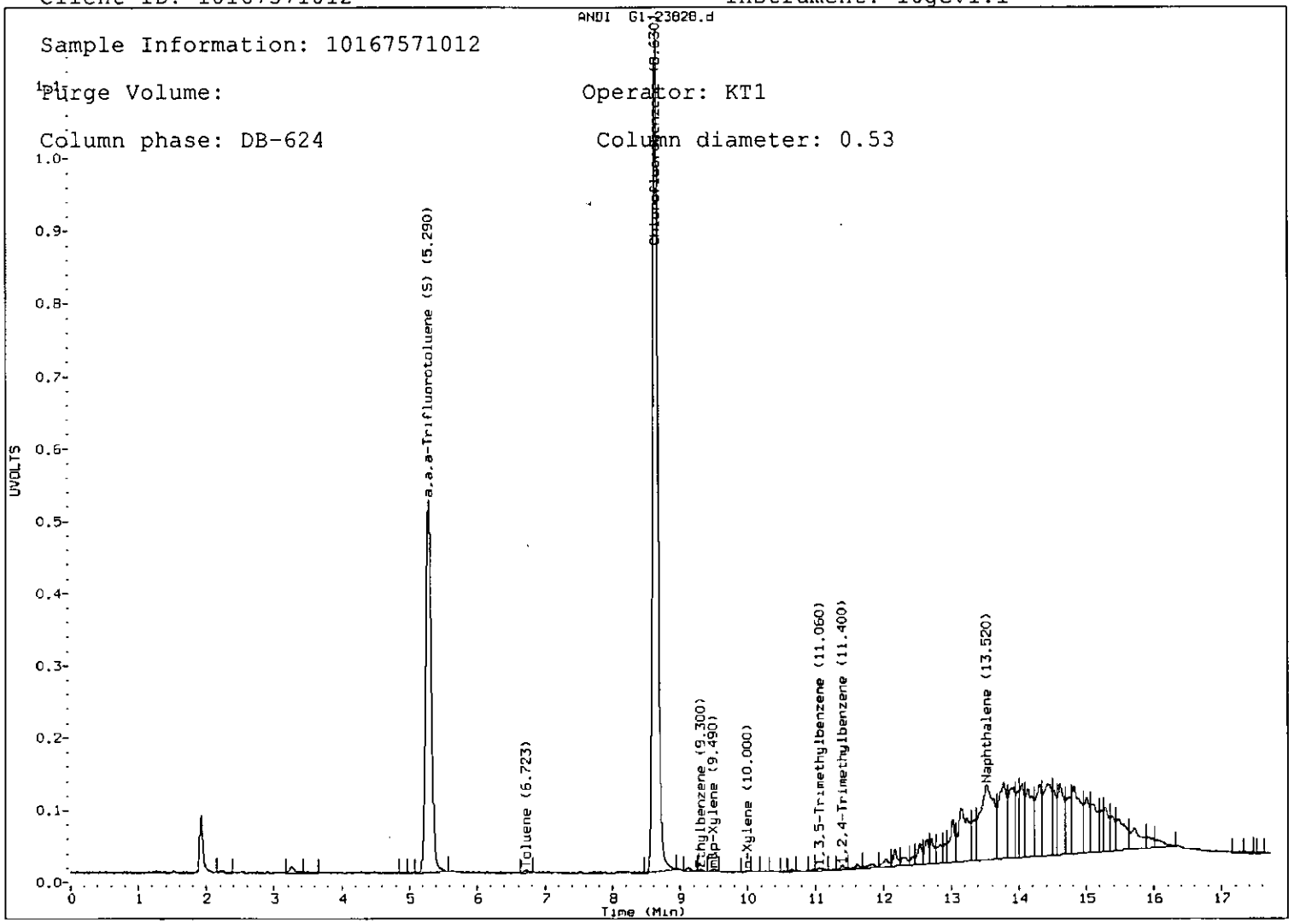
Sample ID: 10167571012

Client ID: 10167571012 Instrument: 10gcv1.i

Sample Information: 10167571012

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 14:29

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\082911f.b\241F0025.D

Lab Smp Id: 10167571012

Inj Date : 29-AUG-2011 13:20

Operator : JRH Inst ID: 10gcs5.i

Smp Info : 10167571012

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\082911f.b\WDRO5-081611F.m

Meth Date : 29-Aug-2011 12:21 jheinecke Quant Type: .ESTD

Cal Date : 16-AUG-2011 13:59 Cal File: 228F0022.D

Als bottle: 10

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S 2 DRO	1.380	-2.680		20908181	137.659	5.51(a)
$ 5 n-Triacontane (S)	2.764	2.765	-0.001	7354264	79.1720	3.17(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

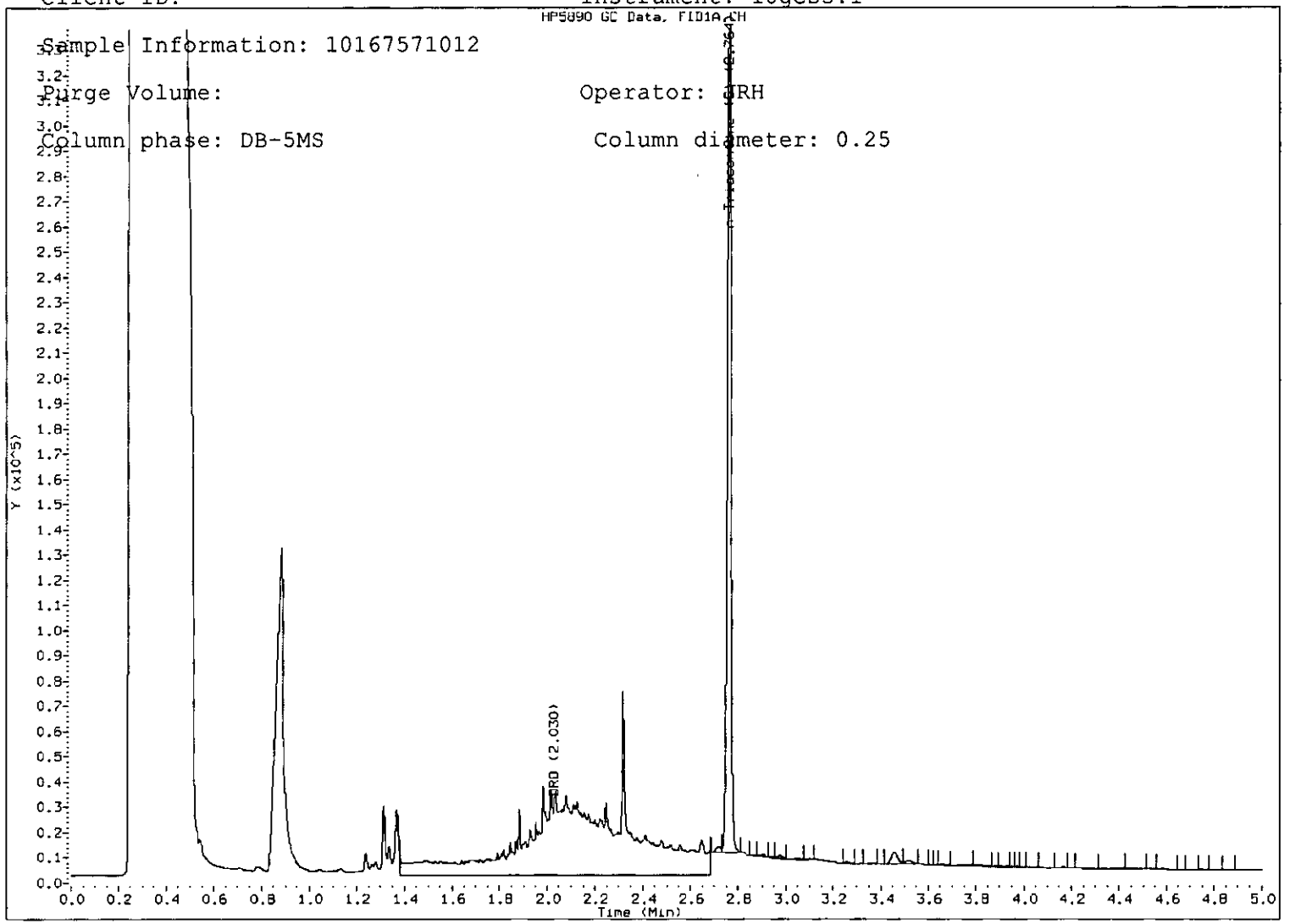
M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\082911f.b/241F0025.D

Report Date: 08/29/2011

Sample ID: 10167571012

Client ID: Instrument: 10gcs5.i



Report Date: 29-Aug-2011 14:30

Pace Analytical Services

WI Dept of Nat. Resources- WIDRO

Data file : \\192.168.10.12\chem\10gcs5.i\082911f.b\241F0027.D

Lab Smp Id: 10167571013

Inj Date : 29-AUG-2011 13:35

Operator : JRH Inst ID: 10gcs5.i

Smp Info : 10167571013

Misc Info : 8523

Comment : C10-C28 DRO

Method : \\192.168.10.12\chem\10gcs5.i\082911f.b\WDRO5-081611F.m

Meth Date : 29-Aug-2011 12:21 jheinecke Quant Type: ESTD

Cal Date : 16-AUG-2011 13:59 Cal File: 228F0022.D

Als bottle: 12

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1.000	Volume of final extract (mL)
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(mg/kg)
S 2 DRO	1.380-2.680			113175961		847.293	33.9
$ 5 n-Triacontane (S)	2.773	2.765	0.008	6797360		73.1052	2.92(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

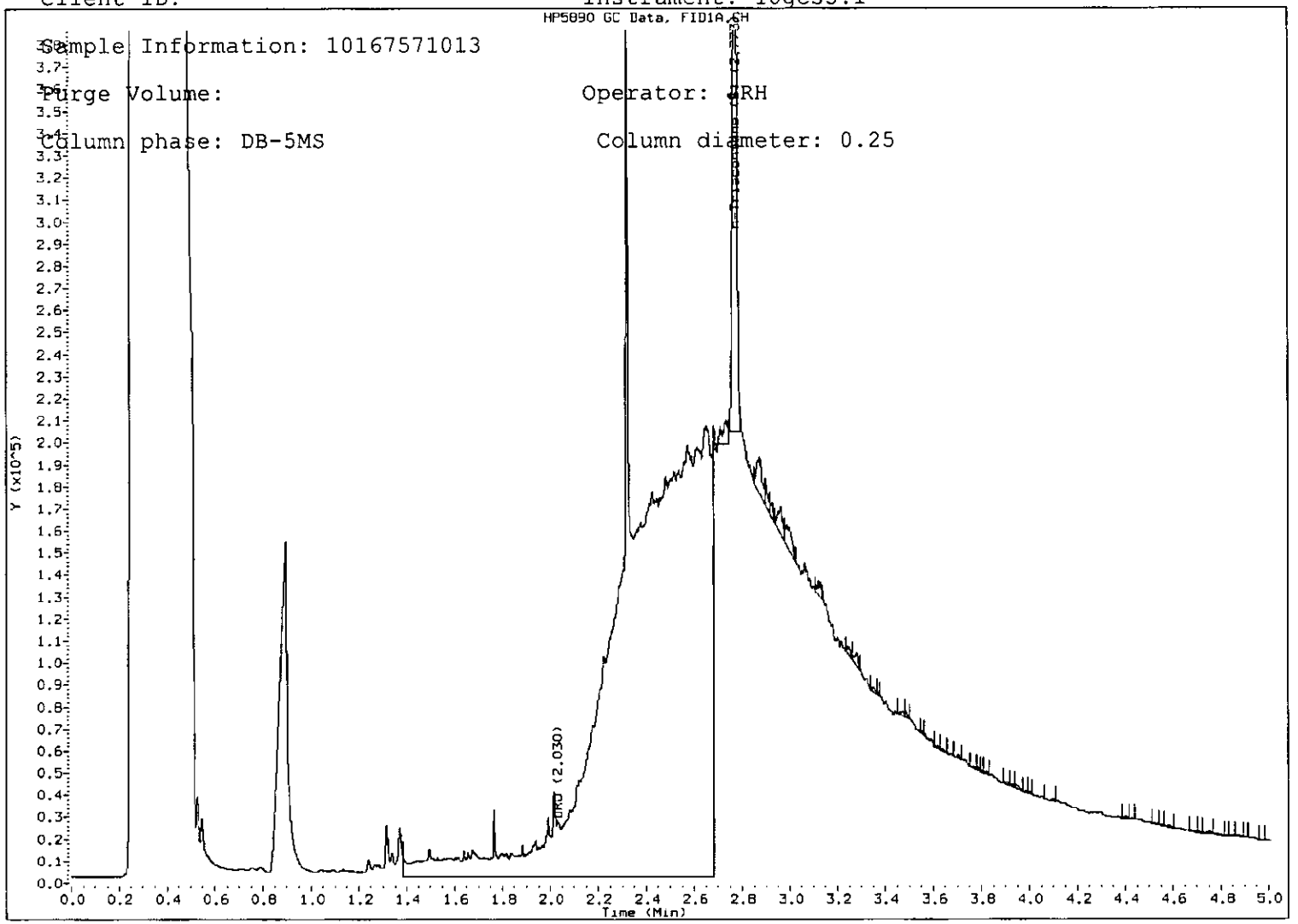
M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\082911f.b/241F0027.D

Report Date: 08/29/2011

Sample ID: 10167571013

Client ID: Instrument: 10gcs5.i



Report Date: 29-Aug-2011 09:46

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23829.d

Lab Smp Id: 10167571013 Client Smp ID: 10167571013

Inj Date : 27-AUG-2011 01:03

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571013

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(mg/Kg)
	1 Methyl-t-butyl ether	Compound Not Detected.					
	2 Benzene	Compound Not Detected.					
$	3 a,a,a-Trifluorotoluene (S)	5.290	5.286	(0.613)	296195	19.0339	0.952
	4 Toluene	6.726	6.706	(0.779)	2546	0.08575	0.00429(a)
*	5 Chlorofluorobenzene	8.630	8.630	(1.000)	627435	20.0000	
	6 Ethylbenzene	9.320	9.316	(1.080)	2059	0.08444	0.00422(a)
	7 m&p-Xylene	9.480	9.493	(1.098)	3382	0.12204	0.00610(a)
	8 o-Xylene	10.016	9.986	(1.161)	931	0.03538	0.00177(a)
	10 1,3,5-Trimethylbenzene	11.056	11.056	(1.281)	1660	0.05265	0.00263(a)
	11 1,2,4-Trimethylbenzene	11.403	11.403	(1.321)	2178	0.08401	0.00420(a)
	12 Naphthalene	13.523	13.510	(1.567)	124127	7.24799	0.362

QC Flag Legend

a - Target compound detected but, quantitated amount

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23829.d

Report Date: 08/29/2011

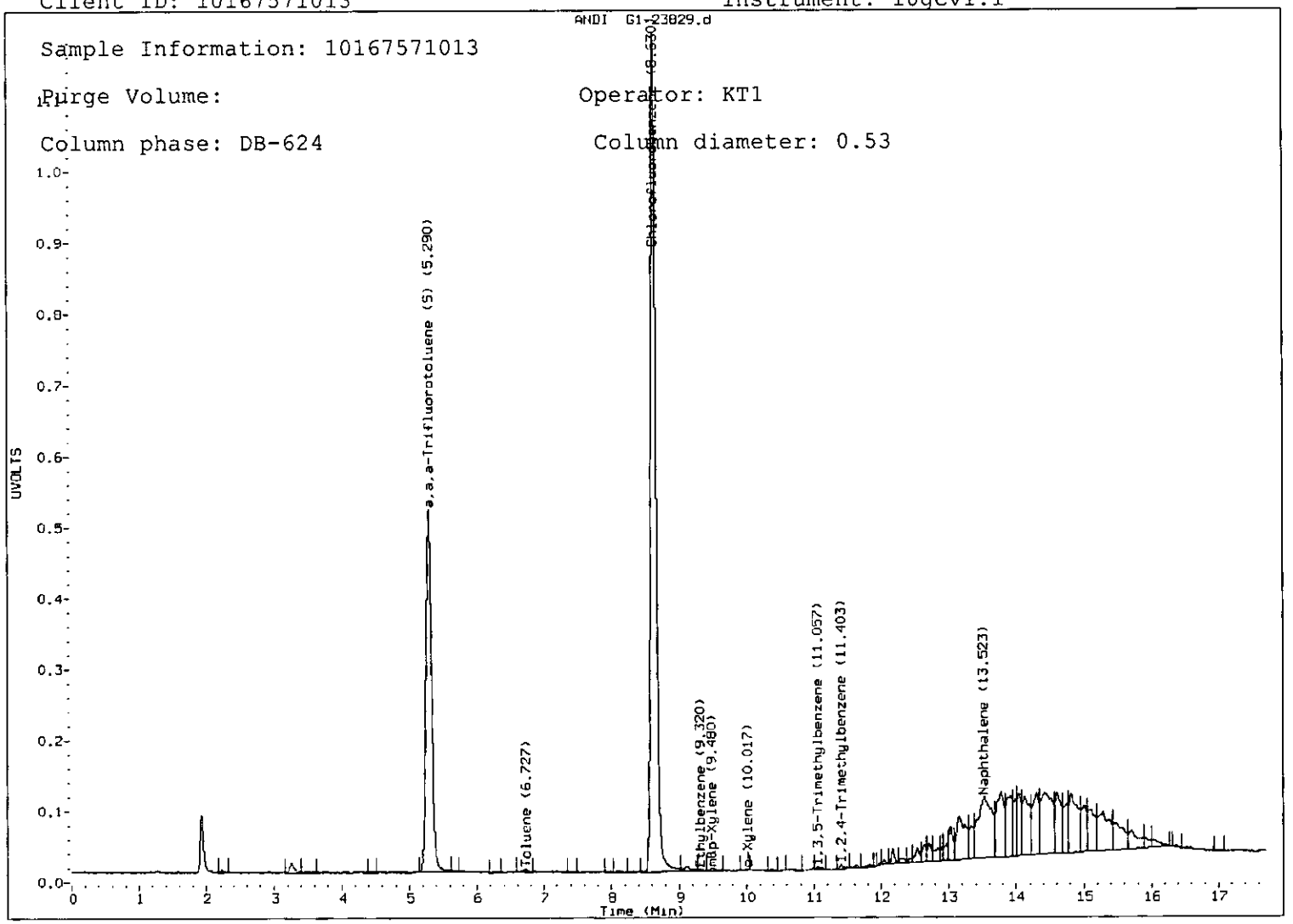
Sample ID: 10167571013

Client ID: 10167571013 Instrument: 10gcv1.i

Sample Information: 10167571013

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 10:36

Pace Analytical Services, Inc.

Polychlorinated Biphenyls by Method SW8082

Data file : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\08261111.d

Lab Smp Id: 10167571013 Client Smp ID: 10167571013

Inj Date : 26-AUG-2011 19:17

Operator : KL1 Inst ID: 10gcs7.i

Smp Info : 10167571013

Misc Info : 8519

Comment :

Method : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\PCB07-082211f.m

Meth Date : 29-Aug-2011 10:05 klightner Quant Type: ESTD

Cal Date : 23-AUG-2011 04:32 Cal File: 08221145.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 1 Tetrachloro-m-xylene	2.624	2.622	0.002	7359683	0.08066	27
24 Aroclor-1221	Compound Not Detected.					
25 Aroclor-1232	Compound Not Detected.					
23 Aroclor-1016	Compound Not Detected.					
26 Aroclor-1242	Compound Not Detected.					
27 Aroclor-1248	Compound Not Detected.					
28 Aroclor-1254	Compound Not Detected.					
29 Aroclor-1260	Compound Not Detected.					
46 Aroclor-1262	Compound Not Detected.					
44 Aroclor-1268	Compound Not Detected.					
$ 30 Decachlorobiphenyl (s)	9.148	9.142	0.006	6784757	0.08527	28

Data File: \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b/08261111.d

Report Date: 08/29/2011

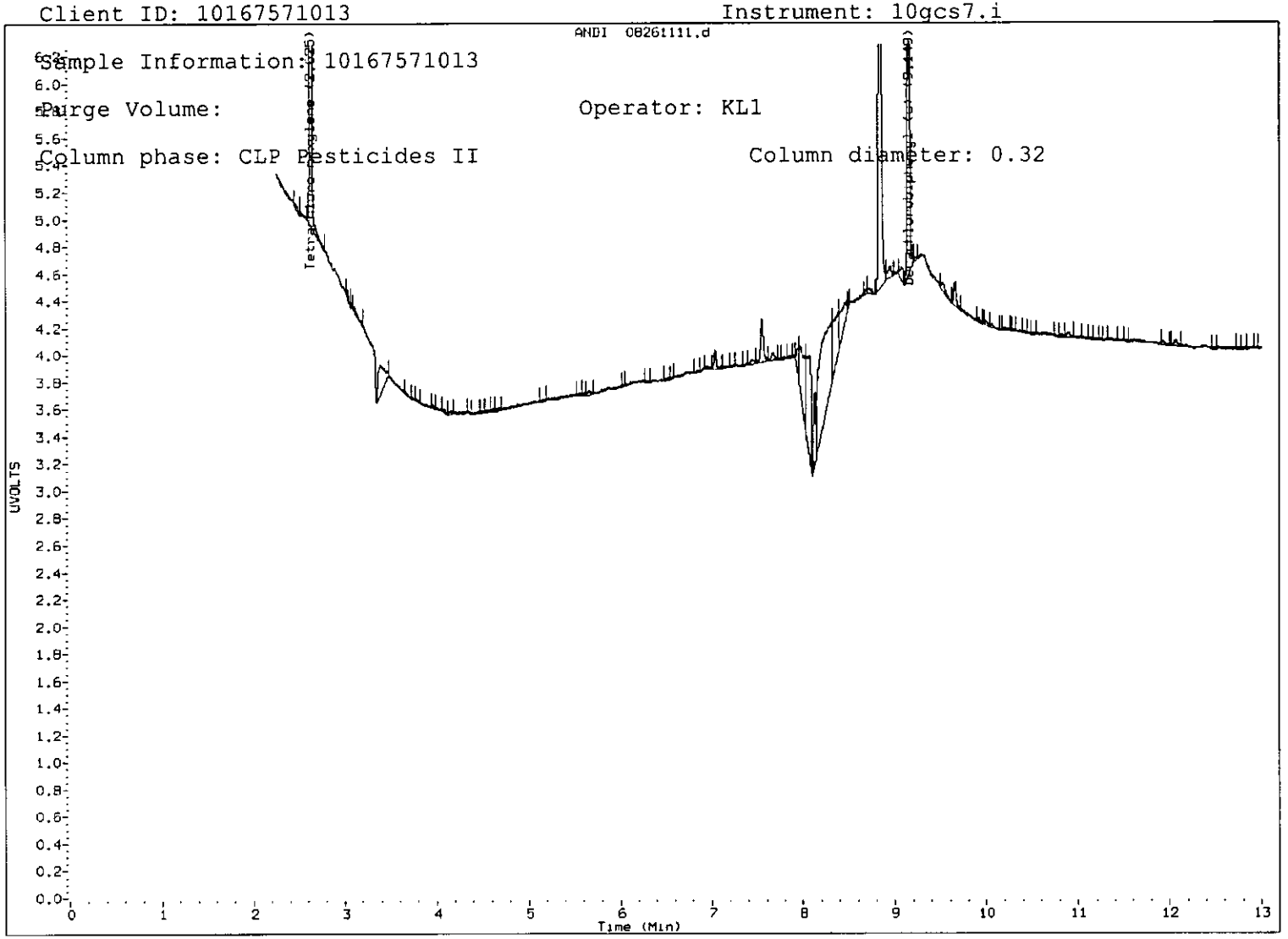
Sample ID: 10167571013

Client ID: 10167571013 Instrument: 10gcs7.i

Sample Information: 10167571013

Purge Volume: Operator: KL1

Column phase: CLP Pesticides II Column diameter: 0.32



Report Date: 29-Aug-2011 09:50

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23829.d

Lab Smp Id: 10167571013 Client Smp ID: 10167571013

Inj Date : 27-AUG-2011 01:03

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571013

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(

Cpnd Variable Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(mg/Kg)
S 5 GRO	2.200-13.650			721340	9.28447	0.4642(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23829.d

Report Date: 08/29/2011

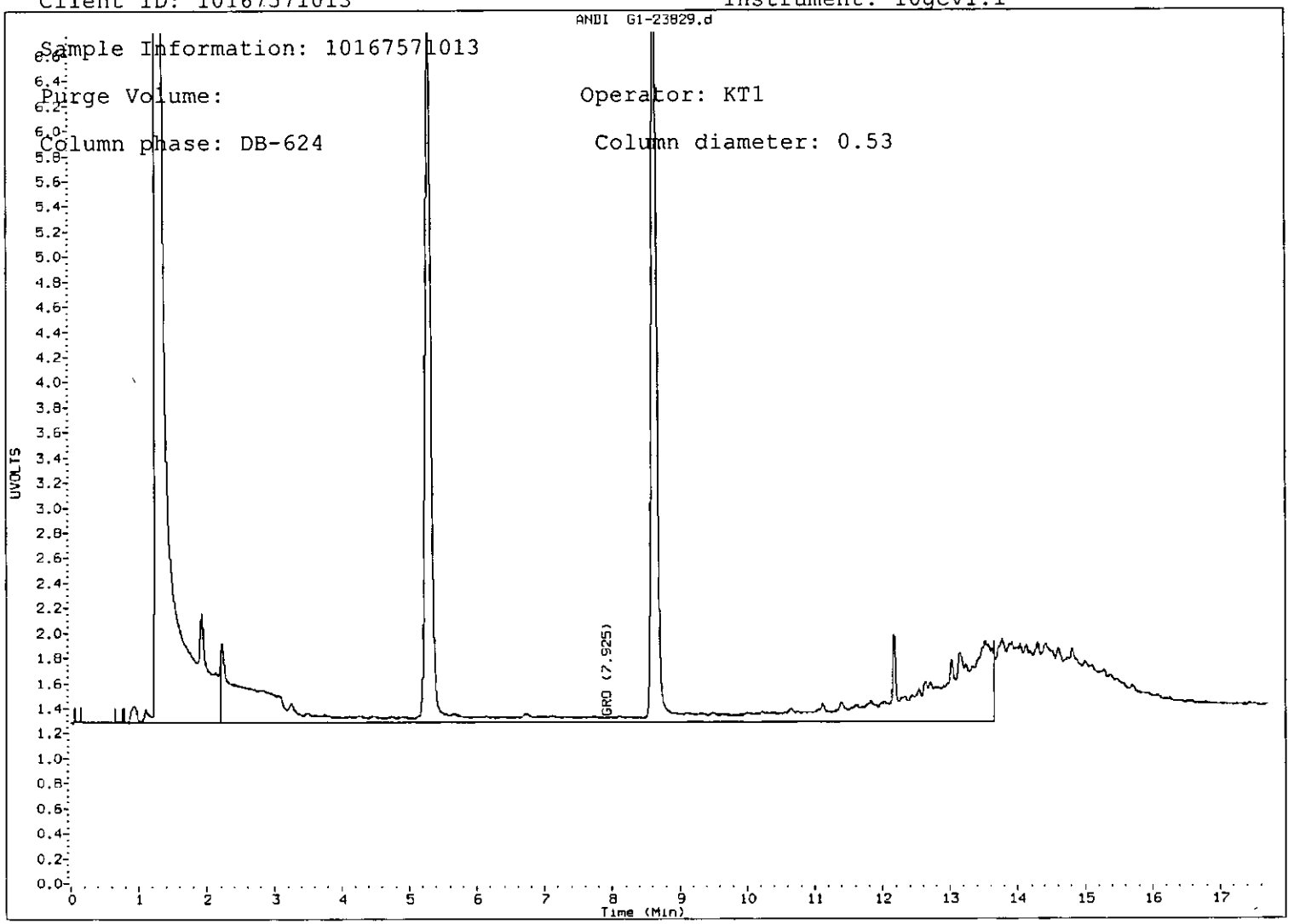
Sample ID: 10167571013

Client ID: 10167571013 Instrument: 10gcv1.i

Sample Information: 10167571013

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:46

Pace Analytical Services

PVOC - MODIFIED 8021B

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G1-23830.d

Lab Smp Id: 10167571014 Client Smp ID: 10167571014

Inj Date : 27-AUG-2011 01:27

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571014

Misc Info : 8328

Comment : PVOC - MODIFIED 8021B

Method : \\192.168.10.12\chem\10gcv1.i\082611a-1.b\G111-BTEXsoil230.m

Meth Date : 29-Aug-2011 09:45 10gcv1.i Quant Type: ISTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total Volume of the methanol extract (mL
Ws	10.000	Weight of the sample extracted
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of the methanol ex

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
	Compounds	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(mg/Kg)
	1 Methyl-t-butyl ether	Compound Not Detected.					
	2 Benzene	Compound Not Detected.					
$	3 a,a,a-Trifluorotoluene (S)	5.290	5.286	(0.613)	294118	19.0408	0.952
	4 Toluene	6.716	6.706	(0.778)	2620	0.08889	0.00444(a)
*	5 Chlorofluorobenzene	8.633	8.630	(1.000)	622812	20.0000	
	6 Ethylbenzene	9.333	9.316	(1.081)	2065	0.08532	0.00426(a)
	7 m&p-Xylene	9.496	9.493	(1.100)	2954	0.10738	0.00537(a)
	8 o-Xylene	9.983	9.986	(1.156)	921	0.03526	0.00176(a)
	10 1,3,5-Trimethylbenzene	11.053	11.056	(1.280)	3963	0.12662	0.00633(a)
	11 1,2,4-Trimethylbenzene	11.406	11.403	(1.321)	5450	0.21178	0.0106(a)
	12 Naphthalene	13.526	13.510	(1.567)	101395	5.96458	0.298

QC Flag Legend

a - Target compound detected but, quantitated amount

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-1.b/G1-23830.d

Report Date: 08/29/2011

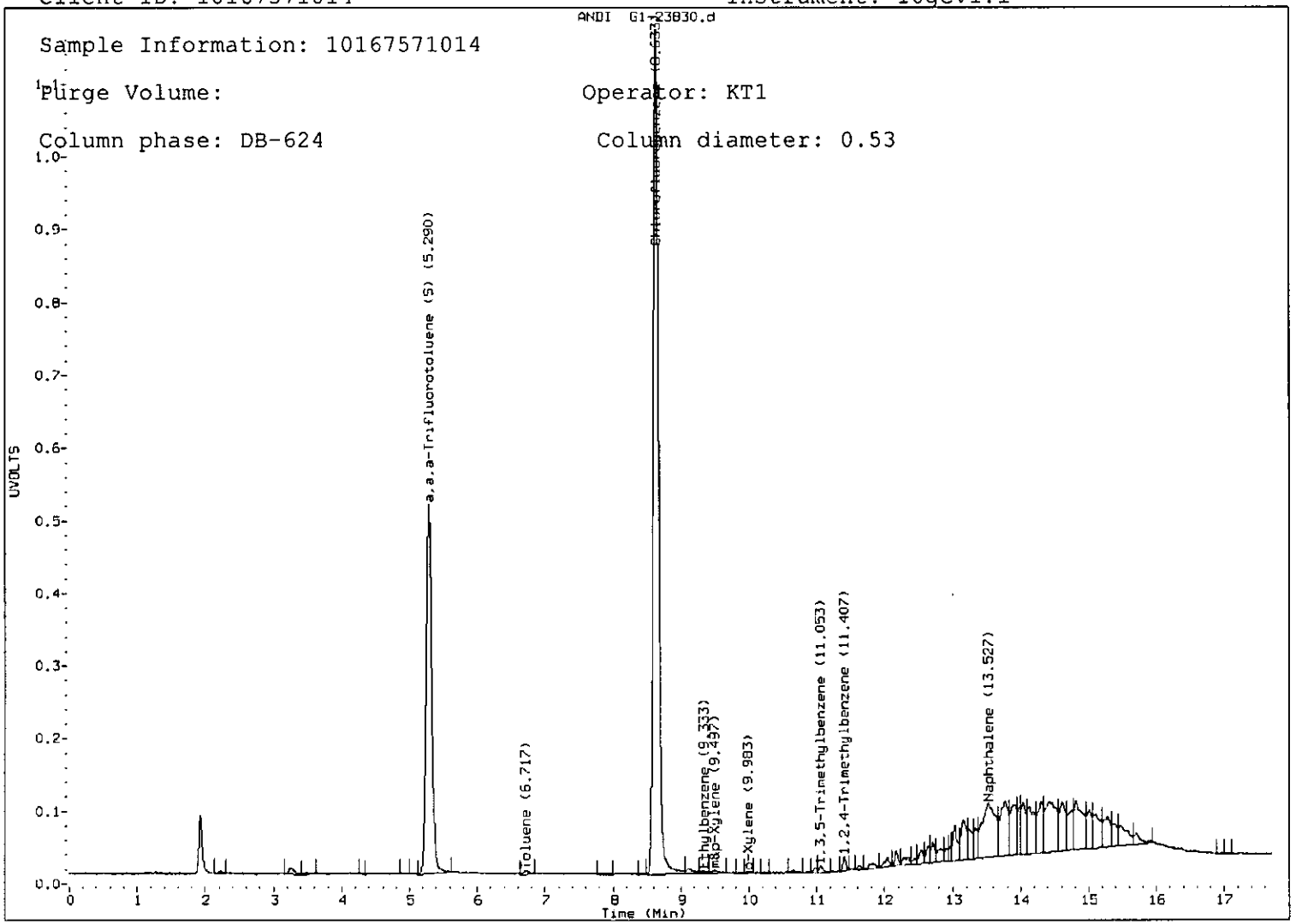
Sample ID: 10167571014

Client ID: 10167571014 Instrument: 10gcv1.i

Sample Information: 10167571014

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 09:50

Pace Analytical Services

WIGRO GASOLINE RANGE ORGANICS

Data file : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G1-23830.d

Lab Smp Id: 10167571014 Client Smp ID: 10167571014

Inj Date : 27-AUG-2011 01:27

Operator : KT1 Inst ID: 10gcv1.i

Smp Info : 10167571014

Misc Info : 8328

Comment : WIGRO GASOLINE RANGE ORGANICS

Method : \\192.168.10.12\chem\10gcv1.i\082611a-2.b\G111-GROsoil230.m

Meth Date : 29-Aug-2011 09:49 10gcv1.i Quant Type: ESTD

Cal Date : 18-AUG-2011 13:39 Cal File: G1-23009.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: SEMIVOLGCMS

Concentration Formula: Amt * DF * Uf * Vt / (Va * Ws * (100-M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	5.000	Unit correction factor
Vt	10.000	Total volume of methanol extract (mL)
Ws	10.000	Weight of the sample extracted (g)
M	0.00000	% Moisture
Va	100.000	Volume of the aliquot of methanol added(

Cpnd Variable Local Compound Variable

				CONCENTRATIONS	
				ON-COLUMN	FINAL
C					
S 5 GRO	2.200-13.650	754731		13.7811	0.6890(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\192.168.10.12\chem\10gcv1.i\082611a-2.b/G1-23830.d

Report Date: 08/29/2011

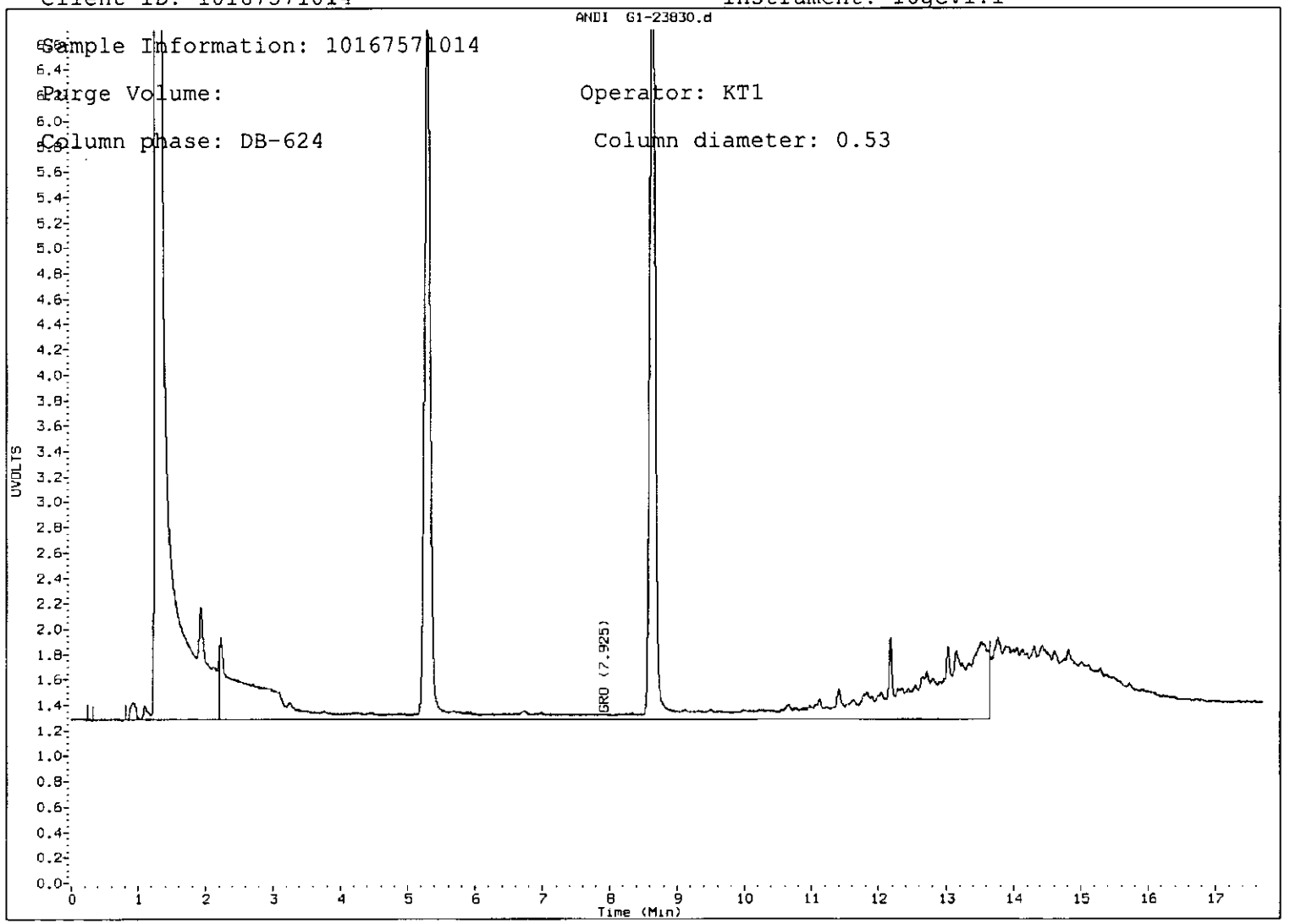
Sample ID: 10167571014

Client ID: 10167571014 Instrument: 10gcv1.i

Sample Information: 10167571014

Purge Volume: Operator: KT1

Column phase: DB-624 Column diameter: 0.53



Report Date: 29-Aug-2011 14:41

Pace Analytical Services

Data file : \\192.168.10.12\chem\10gcs5.i\082911f.b\241F0034.D

Lab Smp Id: 10167571014

Inj Date : 29-AUG-2011 14:29

Smp Info : 10167571014

Misc Info : 8523

Comment : C10-C28 DRO

Meth Date : 29-Aug-2011 12:21 jheinecke Quant Type: ESTD

Cal Date : 16-AUG-2011 13:59 Cal File: 228F0022.D

Als bottle: 19

Dil Factor: 1.00000

Integrator: HP Genie Compound Sublist: all.sub

Target Version: 4.14

Processing Host: 10VOA3

Concentration Formula: Amt * DF * Uf * Vt/(Ws * Vi*(100-M)/100) * CpndVariable

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Ws	25.000	Weight of sample extracted (g)
Vi	1.000	Volume injected (uL)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(mg/kg)
S 2 DRO	1.380-2.680			42301420	302.195	12.1
S 5 n-Triacontane (S)	2.765	2.765	0.000	7298118	78.5604	3.14(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

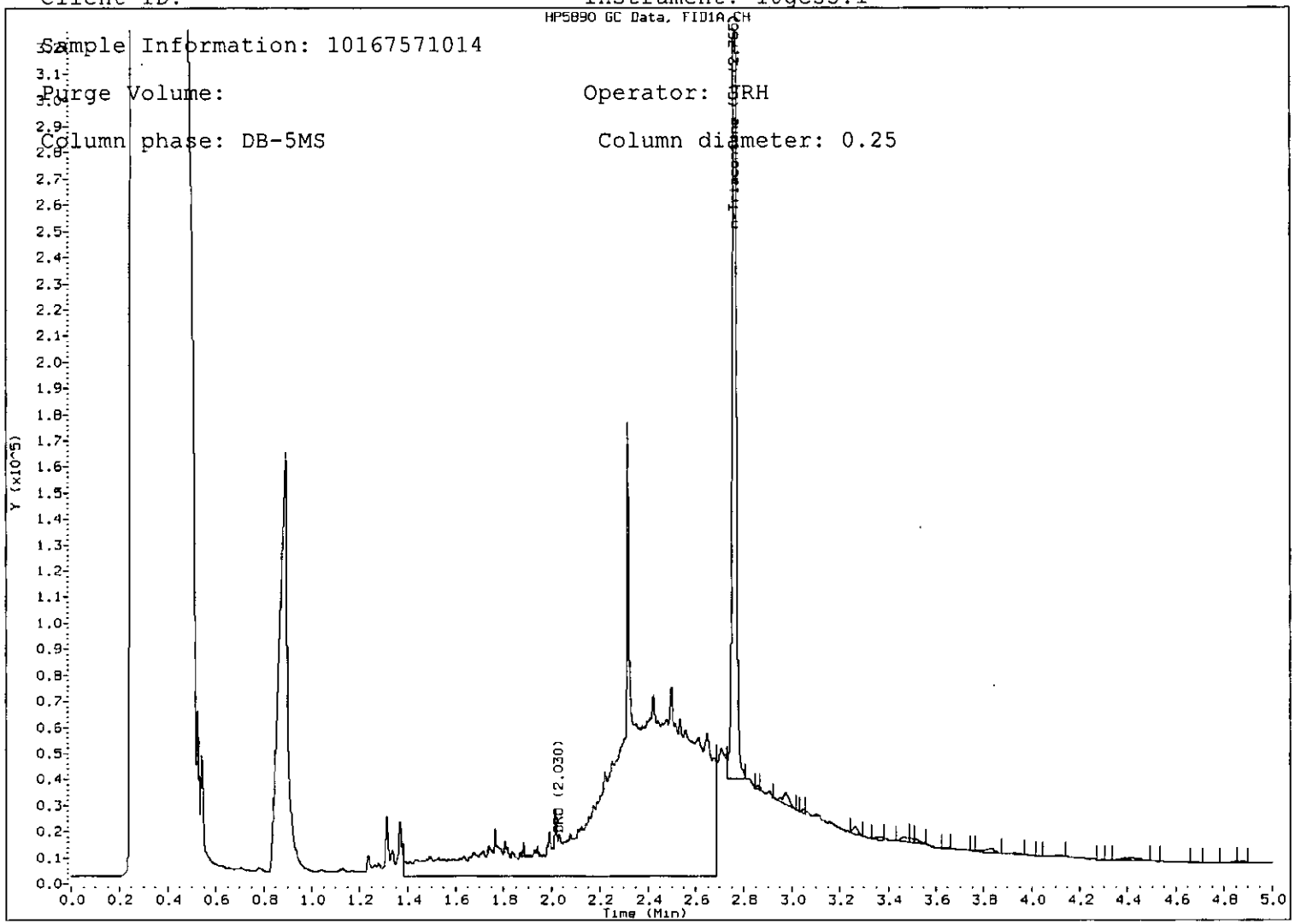
M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs5.i\082911f.b/241F0034.D

Report Date: 08/29/2011

Sample ID: 10167571014

Client ID: Instrument: 10gcs5.i



Report Date: 29-Aug-2011 10:37

Pace Analytical Services, Inc.

Data file : \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b\08261112.d

Lab Smp Id: 10167571014 Client Smp ID: 10167571014

Inj Date : 26-AUG-2011 19:33

Smp Info : 10167571014

Misc Info : 8519

Comment :

Meth Date : 29-Aug-2011 10:05 klightner Quant Type: ESTD

Cal Date : 23-AUG-2011 04:32 Cal File: 08221145.d

Als bottle: 1

Dil Factor: 1.00000

Integrator: Falcon Compound Sublist: all.sub

Target Version: 4.14

Processing Host: CHEMSTATION2

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVariab

Name	Value	Description

DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/ml)	(ug/Kg)
$ 1 Tetrachloro-m-xylene	2.625	2.622	0.003	8061463		0.08836	29
24 Aroclor-1221	Compound Not Detected.						
25 Aroclor-1232	Compound Not Detected.						
23 Aroclor-1016	Compound Not Detected.						
26 Aroclor-1242	Compound Not Detected.						
27 Aroclor-1248	Compound Not Detected.						
28 Aroclor-1254	Compound Not Detected.						
29 Aroclor-1260	Compound Not Detected.						
46 Aroclor-1262	Compound Not Detected.						
44 Aroclor-1268	Compound Not Detected.						
$ 30 Decachlorobiphenyl (s)	9.150	9.142	0.008	6957701		0.08744	29(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: \\192.168.10.12\chem\10gcs7.i\082611pcb-1.b/08261112.d

Report Date: 08/29/2011

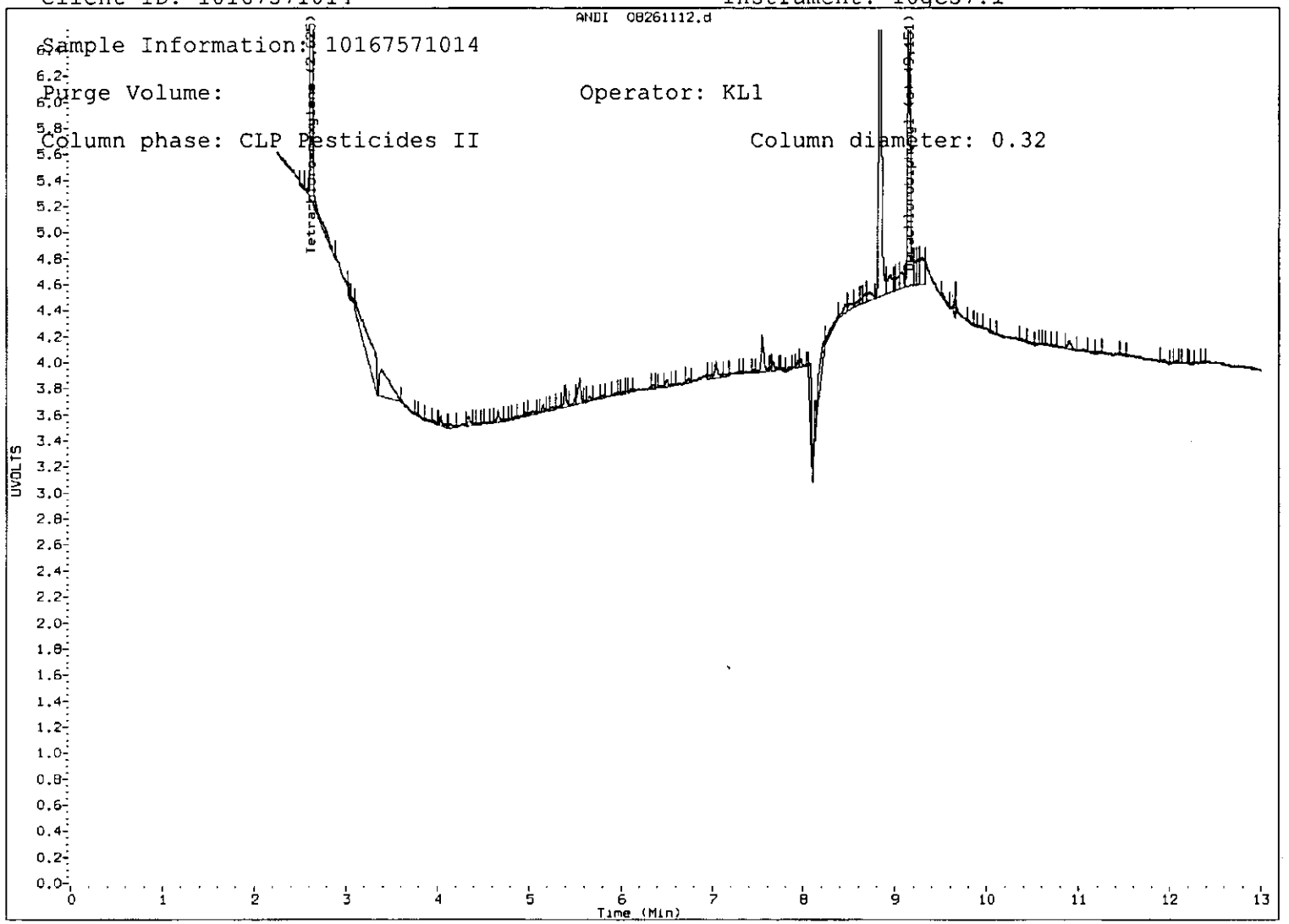
Sample ID: 10167571014

Client ID: 10167571014 Instrument: 10gcs7.i

Sample Information: 10167571014

Purge Volume: Operator: KL1

Column phase: CLP Pesticides II Column diameter: 0.32



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RUSH!

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

11134,36

1016 7571

Page: 1 of 2

1510558

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: ATC Associates	Report To: Tai Veum (ATC)	Attention: Same
Address:	Copy To:	Company Name:
		Address:
Email To: Tai.Veum@atcassociates.com	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: UR Savage, MN	Pace Project Manager:
Requested Due Date/TAT: RUSH	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: MN

Section D Required Client Information

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	WI DRO	WI GRO	VOC's	RCRA Metals	PCB's	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SB-01 (0-2)					8/24	1100		7							X			X	X	X	X	X		001
2	SB-02 (0-2)						1050		7							X			X	X	X	X	X		002
3	SB-03 (0-2)						1020		7							X			X	X	X	X	X		003
4	SB-04 (0-2)						1000		7							X			X	X	X	X	X		004
5	SB-05 (4-7)						1330		8							X			X	X	X	X	X		005
6	SB-06 (2-4)						1310		8							X			X	X	X	X	X		006
7	SB-07 (0-2)						1300		9							X			X	X	X	X	X		007
8	SB-08 (0-2)						1400		8							X			X	X	X	X	X		008
9	SB-09 (0-2)						1420		9							X			X	X	X	X	X		009
10	SB-10 (0-2)						1430		8							X			X	X	X	X	X		010
11	SB-11 (0-2)						1450		9							X			X	X	X	X	X		011
12	SB-12 (0-2)						1200		9							X			X	X	X	X	X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Sean Dobie / ATC	8/25	1245	J E Place	8-25-11	1245	2.1	Y	N	Y
	J E Place	8/25/11	1304	Jennifer Place / Pace MN	8/25/11	1304				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Sean L Dobie

SIGNATURE of SAMPLER: Sean L Dobie DATE Signed (MM/DD/YY): 8/25/11

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

223 of 225

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10167571

Page: 2 of 3

1510161

Section A Required Client Information:

Company: ATC Associates
Address:
Email To: Ty.Yeow@atcassociates.com
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ty. Yeow
Copy To:
Purchase Order No.:
Project Name: UR Sewage, MN
Project Number:

Section C Invoice Information:

Attention: Same
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: MN

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE
Drinking Water DW
Water WT
Waste Water WW
Product P
Soil/Solid SL
Oil OL
Wipe WP
Air AR
Tissue TS
Other OT

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test ↓: WI mod BRO	WI mod GRO	VOC's	Resp. metals	PCB's	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1					8/24	1600		9							X			X	X	X	X		013
2					8/24	1630		9							X			X	X	X	X		014
3					8/24	COC		1															015
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	S. Dabic / ATC	8/25	1245	J. E Pace	8-26-11	1245	2.1	Y	N	Y
	J. E Pace	8/25/11	1304	Jonathan Pace MN	8/25/11	1304				

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Sean L. Dabic
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 08/25/11

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical®	Document Name: **Sample Condition Upon Receipt Form**	Revised Date: 02Jun2011 Page 1 of 1
	Document Number: **F-L-213 Rev.01**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ATC Project # 10167571

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____ Temp Blank: Yes ✓ No _____

Thermometer Used 80344042 or 80512447 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 2.1 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 8/25/11 MSP

Chain of Custody Present:	☑Yes	☐No	☐N/A 1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A 2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A 3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A 4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A 5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A 6.
Rush Turn Around Time Requested:	☑Yes	☐No	☐N/A 7.
Sufficient Volume:	☑Yes	☐No	☐N/A 8.
Correct Containers Used:	☑Yes	☐No	☐N/A 9.
-Pace Containers Used:	☑Yes	☐No	☐N/A
Containers Intact:	☑Yes	☐No	☐N/A 10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A 11.
Sample Labels match COC:	☑Yes	☐No	☐N/A 12.
-Includes date/time/ID/Analysis Matrix: SL			
All containers needing acid/base preservation have been checked. Noncomoliance are noted in 13.	☐Yes	☐No	☑N/A 13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☑N/A Samp #
Exceptions: VOA,Coliform, TOC, Oil and Grease, WI-DRO (water)	☐Yes	☑No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No	☑N/A 14.
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A 15.
Trip Blank Present:	☐Yes	☐No	☑N/A 16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A 8/25/11 MSP
Pace Trip Blank Lot # (if purchased): 070411-3			

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 8/25/11

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

BATCH SCANNING SHEET

updated 1/17/2013

Scan Queue* (circle one):

AST/UST Scan	Hazardous Waste
Air Quality**	Major AST
Barcodes	Major AST Permit Application
CSW/ISW/MS4 Scan	Permitting – Scan
C&E – ER Scan Queue	Remediation/Leak Sites
Generic	Rulemaking

*No batch sheet needed for: DMRs or Grants

** Air Quality – Only for Criteria & Mercury Emissions Inventories

Batch Number:

_____

File Type (for archiving):

Leaks / PB4023

Comments:

_____

_____

_____

Date Submitted:

Records Center Use ONLY
6/26/14

Status:

Prepped by: Diane Flatness

Date: 7-1-14

Prep QC'd by: _____

Date: _____

Scanned by: Ticordia Copeland

Date: 7-3-14

Scan QC'd by: _____

Date: _____