Northern Plume Investigation Report
Hazel Dell, Washington

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LIST OF ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
Boomsnub	Boomsnub Corporation
CAS	Columbia Analytical Services, Inc.
CFC-11	trichlorofluoromethane
Cis-1,2-DCE	Cis-1,2-dichloroethene
1,1-DCE	1,1-Dichloroethene
DPT	direct push technology
EA	EA Engineering, Science, and Technology, Inc.
EPA	U.S. Environmental Protection Agency
ft	feet
ft/yr	feet/year
IDW	investigation-derived waste
J	estimated value
Linde	Linde LLC
µg/L	micrograms per liter
µg/kg	micrograms per kilogram
MTCA	Model Toxics Control Act
OU	Operable Unit
PCE	tetrachloroethene
PDB	passive diffusion bag
Permalume	Permalume Plastics Corporation
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QASP	Quality Assurance and Sampling Plan
QC	Quality Control
ROD	Record of Decision
Superfund Site	Boomsnub/Airco Superfund Site
TCE	trichloroethene

1,1,1-TCA	1,1,1-Trichloroethane
VOC	volatile organic compound

EXECUTIVE SUMMARY

This report provides results of activities performed by Linde LLC (Linde) to investigate an area of groundwater contamination located north of the Boomsnub/Airco Superfund Site (Superfund Site) in Hazel Dell, Washington. The primary chemicals of concern impacting groundwater at the Superfund Site are volatile organic compounds (VOCs), primarily trichloroethene (TCE), and hexavalent chromium. The impacted groundwater plume at the Superfund Site, referred to as Operable Unit 3 (OU-3) has shown a significant decrease in concentrations and size over the years.

In 2007 and 2008, however, routine groundwater monitoring data showed a sudden and significant increase in TCE concentrations in a monitoring well at the northern boundary of OU-3. A subsequent investigation, performed in 2008, indicated the presence of a second VOC plume, separate from the OU-3 plume, but from an unknown source. This off-site VOC-impacted groundwater is currently referred to as the Northern Plume. The proximity of the Northern Plume to the OU-3 extraction system may have an impact on the OU-3 remedial activities. For this reason, Linde and the U.S. Environmental Protection Agency cooperatively performed an investigation of the Northern Plume area.

In May 2011, groundwater samples were collected from 17 locations in the Northern Plume area in an attempt to evaluate the extent and concentration of VOCs in groundwater, as well as to identify potential source areas. Multiple depth-specific groundwater samples were collected from each sampling location. Additional groundwater samples were collected from existing monitoring wells for comparison. Results of the 2011 investigation showed TCE concentrations similar to those detected during the 2008 investigation in the more upgradient portions of the Northern Plume area. In the downgradient portion of the Northern Plume, the highest TCE concentration detected was in the most northern location sampled.

The source and full extent of the Northern Plume have not been identified; however, the source is likely not the same as for the OU-3 VOC plume. In addition to being geographically distinct, the lack of detected concentrations of trichlorofluoromethane (CFC-11) in the Northern Plume suggests a separate TCE source. CFC-11 has commonly been detected in groundwater samples from the OU-3 plume and has been used to identify VOCs from the Linde source. CFC-11 has not been detected in groundwater samples collected from the Northern Plume area. Based on the apparent different constituents detected and the historical separation of the plumes, the TCE contamination in the Northern Plume is unlikely to be the result of actions by Linde or its predecessors.

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1. INTRODUCTION

1.1 BACKGROUND

This report provides results of activities performed to investigate an area of groundwater contamination located north of the Boomsnub/Airco Superfund Site (Superfund Site) in Hazel Dell, Washington. The investigation area is located just north of the city limits of Vancouver, Washington (Figure 1).

The Superfund Site includes two adjacent properties, the Linde LLC (Linde) facility and the former Boomsnub Corporation (Boomsnub) property, as well as impacted groundwater in the alluvial aquifer (Operable Unit [OU]-3). A figure showing the Superfund Site is included as Figure 2. A groundwater extraction and treatment system has been in operation at the Superfund Site since 1991. This system pumps groundwater from the alluvial aquifer and removes volatile organic compounds (VOCs; primarily trichloroethene [TCE]) and hexavalent chromium, the primary chemicals of concern for the Superfund Site. The treated groundwater is returned to the alluvial aquifer via an infiltration gallery located on Linde property upgradient of the Superfund Site contaminant plume. Linde is currently operating the extraction and treatment system at the Superfund Site.

The OU-3 TCE plume has shown a significant decrease in concentrations and size over the years. The current extent of the OU-3 TCE plume (as of Fall 2010), is shown on Figure 3. The plume extent includes groundwater with TCE concentrations greater than 5 micrograms per liter (µg/L), the Superfund Site cleanup level. Figure 3 also illustrates the significant reduction in the OU-3 plume size and concentrations between 1995 and 2010.

In 2007 and 2008, routine groundwater monitoring data showed a sudden and significant increase in TCE concentrations in well AMW-18, located north of the Superfund Site plume boundary, just northwest of the intersection of NE 78th Street and NE St. Johns Road (Figure 2). In 2010, an increase in TCE concentration was detected in groundwater from well AMW-17, located approximately 400 feet (ft) from well AMW-18 in a generally downgradient direction.

In May 2008, field work was performed to investigate the depth and concentration of VOCs in groundwater in the vicinity of well AMW-18, and to evaluate possible source areas for the VOCs detected in this well (see Section 1.3.2). Although TCE contaminated groundwater was detected east (upgradient) of well AMW-18 in an area well separated from the Superfund Site plume, the source of the contamination was not identified. This off-site VOC-impacted groundwater is currently referred to as the “Northern Plume.” For clarity in this document, the Superfund Site groundwater plume is referred to as the “OU-3 Plume.”

The proximity of the Northern Plume to the OU-3 extraction system may have an impact on the OU-3 remedial activities. For this reason, Linde and the U.S. Environmental Protection Agency (EPA)-Region 10 cooperatively performed an investigation of the Northern Plume area.

The main objectives of the Northern Plume Investigation were as follows:

- Evaluate the extent (horizontal and vertical) and concentration of VOCs in groundwater in the Northern Plume area, particularly where the Northern Plume appears to be closest to the OU-3 plume boundary.
- Determine possible source areas for the VOCs detected in the Northern Plume area.

Field work for this investigation was performed during May 2011. Sampling of monitoring wells in the Northern Plume area was performed in April 2011, in conjunction with the Spring sampling event at the Superfund Site. The investigation approach and rationale were provided in the *Northern Plume Investigation Work Plan* (EA 2011a), which was approved by the EPA on 3 May 2011. A figure showing the estimated extent of the Northern Plume prior to the 2011 investigation was provided in the work plan; a copy is included as Figure 4.

Activities performed during the Northern Plume investigation included the collection of groundwater samples from multiple depths using direct push technology (DPT). Additional groundwater samples were collected from existing monitoring wells using either passive diffusion bag (PDB) samplers or low-flow sampling methodologies with electric submersible pumps. Groundwater samples were analyzed for VOCs.

EA Engineering, Science, and Technology, Inc. (EA), is responsible for implementing field sampling efforts at the Superfund Site on behalf of Linde. EA provided and coordinated the resources necessary for the investigation, including drilling and sampling activities. Analytical support for the project was provided by EPA's Manchester, Washington laboratory for the DPT groundwater samples, and by Columbia Analytical Services (CAS) of Kelso, Washington, for the monitoring well samples.

The remainder of this document is organized as follows: a description of the site geology/ hydrogeology and a summary of previous investigations are provided in the remainder of Section 1; a summary of the field activities is provided in Section 2; analytical results for groundwater samples are discussed in Section 3; a discussion of the findings and recommendations is provided in Section 4; and a list of references is provided in Section 5. A Sample Alteration Form is included in Appendix A. Copies of the laboratory reports are provided in Appendix B.

1.2 SITE GEOLOGY AND HYDROGEOLOGY

Brief descriptions of the major hydrogeologic units in the investigation area are provided below. A detailed description of the area geology can be found in the *Groundwater Modeling Summary Report for the Boomsnub/Airco Superfund Site* (EA 2004a). Additional information regarding the local geology is provided in the *Additional Hydrogeologic Investigation Report for the Boomsnub/Airco Superfund Site* (EA 2005).

1.2.1 Alluvial Aquifer

The depth to groundwater in the investigation area typically ranges from about 10 to 30 ft below ground surface (bgs), within the alluvial aquifer. The upper portion of the alluvial aquifer consists of sand with varying amounts of silt. The silt content tends to increase somewhat with depth in this unit. The alluvial aquifer ranges in thickness from about 60 to 140 ft. A general thickening of the alluvial aquifer occurs to the west of the Boomsnub property, in a band trending generally northeast-southwest in the general area of NE St. Johns Road. This is commonly referred to as the "trough" area.

TCE-impacted groundwater within OU-3 tends to migrate downward in the alluvial aquifer with increasing distance from the source areas. The groundwater flow direction of the alluvial aquifer at the Superfund Site is well established, with groundwater moving to the west-northwest. A network of extraction wells was installed along the centerline of the OU-3 plume to capture impacted groundwater within OU-3. These extraction wells have created an artificial gradient toward the pumping wells.

It should be noted that groundwater flow patterns changed locally in 2006, following installation and operation of the infiltration gallery located on the eastern side of the Linde property (see Figure 2). Use of the infiltration gallery causes a mounding effect on the water table in that portion of the Site.

1.2.2 Silt Unit and Aquitard

A silt unit occurs at the base of the alluvial aquifer. This unit generally consists of 10 to 20 ft of silt and clayey silt that grade into the aquitard. The aquitard consists of clay and silty clay. The thickness of the aquitard varies across the Site from about 10 to 30 ft; however, in some areas, including portions of the trough area, this unit thins to less than 10 ft. The silt unit and aquitard serve as a major barrier to vertical groundwater flow between the alluvial aquifer and the underlying Troutdale aquifer.

1.2.3 Troutdale Formation

Just below the aquitard, the Upper Troutdale Formation consists of gravel and cobbles in a sandy, silty matrix. This portion of the unit is characterized by less permeable material with higher silt content than in the underlying Upper Troutdale aquifer.

The Upper Troutdale aquifer consists of gravel and cobbles in a sandy matrix with limited silt. This highly-permeable unit comprises the primary drinking water aquifer for the area. Groundwater flow in this aquifer is generally to the west-southwest. The nearest public supply well is located approximately one mile west of the source areas for the alluvial aquifer plumes.

1.3 PREVIOUS INVESTIGATIONS

Several previous investigations and sampling programs have provided information relevant to the Northern Plume and possible upgradient/offsite contaminant sources, including the former Permalume Plastics Corporation (Permalume) property located immediately east of the Linde facility. Information on these investigations is provided in the *Northern Plume Investigation Work Plan* (EA 2011a). Results of sampling of monitoring wells in the vicinity of the Northern Plume, as well as a brief description of the results of the 2008 AMW-18 Area investigation, are provided herein.

1.3.1 Northern Plume Area Monitoring Well Data

Table 1 provides a summary of historic VOC results for groundwater samples from wells in the vicinity of the Northern Plume. These data were obtained primarily from the Linde database which generally includes data from 1995 to the present. Well screen depths are also presented in the table. TCE concentrations from these wells are summarized below:

- AMW-8A – This shallow water table well is located on the eastern boundary of the Linde property, upgradient of the OU-3 TCE source but downgradient of the former Permalume site. Historic TCE concentrations have been on a decreasing trend in this well since the initial concentration of 1,700 µg/L detected in 1992. TCE concentrations in this well have been below the Superfund Site cleanup level of 5 µg/L since May 2006. .

- AMW-18 – This monitoring well is located near the northern boundary of OU-3. A review of the historical TCE results for groundwater samples collected from well AMW-18 shows that the concentration was 1.1 µg/L or less (below the cleanup level), prior to October 2006. The TCE concentration increased rapidly between October 2006 (5.1 µg/L) and October 2007 (330 µg/L). TCE concentrations in this well peaked in January and May 2008 (both at 460 µg/L). TCE concentrations in groundwater from well AMW-18 decreased between May 2008 and the most recent sampling event (April 2011). However, the current concentration of 75 µg/L remains well above the cleanup level of 5 µg/L.

- AMW-17 – This monitoring well is located near the northern boundary of OU-3, generally downgradient of well AMW-18. TCE results for groundwater samples collected from well AMW-17 indicate that, although this well was historically impacted by OU-3, TCE concentrations had decreased below the cleanup level in October 1999 and had continued to decrease through April 2010. However, in October 2010, the TCE concentration increased to 28 µg/L, above the cleanup level of 5 µg/L. This increase in TCE concentration appears to indicate a continued pattern of TCE increases in areas outside or at the edge of the OU-3 plume boundary that cannot logically be explained as being associated with OU-3. The TCE concentration remains elevated at 29 µg/L in April 2011, the most recent sampling event.

- Well MW-15E – This monitoring well is located generally cross-gradient of AMW-18, within the OU-3 plume. Historical results for groundwater samples collected from this well indicate that TCE concentrations have steadily decreased over the years. As of April 2011, analytical results for groundwater samples collected from well MW-15E do not indicate that offsite contamination (the Northern Plume) has impacted this well, based on the fact that TCE concentrations, while still just above the cleanup level at 5.5 µg/L, continue on a decreasing trend.

- MW-38 and PZ-39 – Monitoring well MW-38 and piezometer PZ-39 were installed as part of a pilot test performed for OU-3 in 1999. These wells have not been routinely sampled as part of OU-3 monitoring; however, sampling was included in several recent Superfund Site sampling events due to concerns relating to the Northern Plume. Only two samples have been collected from well MW-38; results for October 2010 and April 2011 were 12 µg/L and 11 µg/L, respectively. Three groundwater samples have been collected from PZ-39 since 2009, with TCE results decreasing from 99 µg/L to 56 µg/L.

- Permalume supply well – This well was located on the former Permalume property, immediately east (upgradient) of the Linde facility. The reportedly hand-dug supply well was sampled only six times since 1993, by different parties, with the last sampling conducted in May 2005. Historic TCE concentrations were on a decreasing trend in this well since the initial concentration of 130 µg/L detected in 1993. It is assumed that the well has been decommissioned, although no records indicating such have been located.

Wells AMW-4A, AMW-5A, and AMW-9A are shallow water table monitoring wells located on the Linde property, near the northern property boundary. Other than a low, estimated TCE concentration reported when the wells were initially sampled in 1995, TCE has never been detected in any of these wells.

1.3.2 2008 AMW-18 Area Investigation

In May 2008, EA performed an investigation to evaluate the extent and concentration of TCE in groundwater in the well AMW-18 area, and to determine possible source areas for the TCE detected in that well. The work was performed in accordance with the EPA-approved *AMW-18 Area Investigation Work Plan* (EA 2008a).

Field activities included the collection of groundwater samples using DPT. Seven Geoprobe borings were advanced near and upgradient of well AMW-18 (see Figure 5). Depth-specific groundwater samples were collected from the borings. Groundwater samples were also collected from selected Superfund Site monitoring wells using PDB samplers. Samples were analyzed for VOCs.

A summary of the detected VOCs is presented in Table 2 (EA 2008b). TCE was detected in groundwater from all seven borings at varying depths and concentrations. In each boring

location sampled, the depth of the highest detected TCE concentration was bracketed by lower concentrations, indicating that the most impacted depth interval was identified. The highest TCE concentration (92 µg/L) was detected in boring GP2 (north of well AMW-18) at a depth of 95 ft bgs. This depth is similar to the screened interval in well AMW-18.

In the upgradient (easternmost) borings, and in well AMW-8A, TCE was detected near the water table from about 30 to 35 ft bgs. In the centrally located borings, TCE occurred primarily at depths from 60 to 80 ft bgs. In the westernmost borings, and in well AMW-18, TCE occurred primarily at depths of approximately 75 to 110 ft bgs. TCE impacted increasingly deeper intervals going from east to west (upgradient to downgradient). This is consistent with the contaminant distribution in the OU-3 TCE groundwater plume.

The AMW-18 report concluded that the source of the TCE groundwater contamination in the vicinity of well AMW-18 is not the same as for the OU-3 VOC plume, based on the fact that in addition to being geographically distinct, a VOC marker used for OU-3 (trichlorofluoromethane [CFC-11]) was not detected in groundwater samples collected from the AMW-18 area. The source of the TCE groundwater contamination in the vicinity of well AMW-18 was not identified. However, based on the data, it was concluded that the contamination was not the result of actions by Linde or its predecessors.

1.3.3 VOCs Detected

The VOCs typically detected in the OU-3 plume include TCE, tetrachloroethene (PCE), 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethene (1,1-DCE), cis-1,2-dichloroethene (cis-1,2-DCE), and CFC-11. In the Northern Plume, only TCE, PCE, 1,1,1-TCA, and 1,1,-DCE have been detected. CFC-11 is not typically associated with TCE, although it has been detected throughout the OU-3 plume. CFC-11 has been considered as a marker for VOCs from the Linde property.

2. FIELD ACTIVITIES

Field activities were performed in accordance with the *Northern Plume Investigation Work Plan* (EA 2011a), as well as applicable requirements of the Superfund Site *Quality Assurance and Sampling Plan* (QASP; EA 2004b) and Health and Safety Plan (EA 2007).

Field activities included the following:

- Collecting depth-specific groundwater samples from seventeen soil borings (DPT1, DPT2R, and DPT4 through DPT18) using a Geoprobe (see Figure 6).
- Collecting groundwater samples from monitoring wells AMW-5A, AMW-18, MW-15E, MW-38, and PZ-39 using PDB samplers, and from monitoring well AMW-17 using a submersible pump.
- Submitting groundwater samples for analysis of VOCs.
- Handling investigation-derived waste (IDW).

Exceptions to the planned activities are described in Sections 2.1 and 2.2 and included the following:

- The location of boring DPT2 was shifted to the north onto the NE 78th Street right-of-way due to access issues.
- No drilling or sampling was performed at the planned boring DPT3 location, as property access was not obtained.
- Although collection of a sample from well AMW-8A was planned, this was inadvertently omitted.

Laboratory analyses for the DPT groundwater samples were performed by the EPA's Manchester, Washington laboratory. Laboratory analyses for monitoring well groundwater samples were performed by CAS in Kelso, Washington.

2.1 Direct Push Groundwater Sampling

The DPT groundwater sampling took place from 9 to 19 May 2011. The sampling was performed using a Geoprobe 7730DT rig operated by Cascade Drilling, Inc., of Clackamas, Oregon, under the direction of EA field personnel. Samples were collected from seventeen locations in the Northern Plume area, as shown on Figure 6.

One planned DPT boring location was moved due to access issues and another planned location could not be accessed and was not sampled. Planned sampling location number DPT-2 (as identified in the work plan) was initially thought to be on Clark County property, but was found to be on private property. This sampling location was shifted slightly to the north, to the 78th Street right-of-way, with Clark County approval. Work was not performed at the location

identified as number DPT-3 in the work plan (on parcel 156778-000, JYW Properties LLC), as approval was not received from the property owner. A Sample Alteration Form describing these deviations from the work plan is provided in Appendix A.

Depth-specific groundwater samples were collected in each of the 17 sampling locations to evaluate the vertical and horizontal extent of TCE contamination. A Geoprobe SP-16 sampler was used. The sampler was driven to the desired sample depth. The tool string was then pulled back approximately 4 ft to expose the screen. Because the bottom of the sampler was at the designated sample depth, the actual sample interval extended approximately 4 ft upward (i.e., a sample designated at 40 ft bgs was actually collected from the 36 to 40 ft bgs interval).

Groundwater samples were collected using new polyethylene tubing with a stainless steel check valve, installed inside the tool string. Samples were collected for analysis of VOCs by oscillating the tubing up and down. The tubing was then withdrawn from the borehole and the samples were collected by draining water from the base of the tubing into the VOC sample vials.

Groundwater samples were collected from pre-selected depths at each boring location. The samples were collected at 10 or 15-ft intervals from selected depths between the water table and the top bottom of the alluvial aquifer. Sample depths, shown in Table 3, were selected based on the results of previous investigations in this area (EA 2008b). With the exception of boring location number DPT-3, all planned samples were collected, including five duplicate samples.

The Geoprobe rods were decontaminated by pressure washing between boring locations. The stainless-steel samplers were decontaminated by pressure washing between samples. Equipment rinsate blank samples were collected by pouring carbon-free, deionized water through the decontaminated sampler into sampling vials. One rinsate blank was collected per day of sampling for a total of nine rinsate blank samples. A sample of the deionized water used for the rinsate blanks was also submitted for analysis. Additionally, three trip blanks were submitted for analysis; one with each cooler delivered to the laboratory.

DPT groundwater samples, equipment rinsate blanks, and trip blanks were analyzed the EPA's Manchester, Washington laboratory for VOCs by EPA Method 8260B. The samples were analyzed in accordance with the EPA Quality Assurance Project Plan (QAPP) provided in Appendix A of the *Northern Plume Investigation Work Plan* (EA 2011a). Note that these samples were analyzed for the full EPA Method 8260B suite, rather than the shortened list typically used for the Superfund Site, and identified in the Superfund Site QASP.

Air monitoring was performed during drilling and sampling using a photoionization detector. No detectable readings were obtained within the breathing zone, as measured at each sampling location.

Geoprobe boreholes were abandoned by filling the borehole with bentonite grout from the bottom of the hole to the surface. Boreholes less than 50 ft deep were filled with bentonite pellets. A hand-held Global Positioning System receiver was used to record the boring coordinates.

2.2 Monitoring Well Groundwater Sampling

Groundwater samples were collected from monitoring wells AMW-5A, AMW-17, AMW-18, MW-15E, MW-38, and PZ-39, located in the vicinity of the Northern Plume. The wells were sampled on 19 and 20 April 2011. Because the Superfund Site semiannual groundwater sampling event was scheduled for late April, close to the planned time for the DPT sampling, the wells were sampled in conjunction with that event. Although collection of a sample from well AMW-8A was planned, this was inadvertently omitted. Well AMW-8A was last sampled in October 2010 and will be sampled again in October 2011.

The wells were sampled using PDBs, with the exception of well AMW-17, for which a dedicated electric submersible pump was used with low-flow sampling techniques. Sampling procedures used were in accordance with the QASP for the Superfund Site (EA 2004b). Duplicate samples, trip blanks, and other QC samples were also collected in conjunction with the Spring event.

Monitoring well groundwater samples were analyzed by CAS for VOCs by EPA Method 8260B, in accordance with the Superfund Site QASP (EA 2004b). These samples were analyzed for a targeted list of VOCs, as described in the QASP.

2.3 Investigation-Derived Waste Handling

IDW for this investigation included decontamination fluids and groundwater removed during borehole sampling. IDW was contained in 55-gal drums and transported back to the Boomsnub treatment facility for treatment and discharge.

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3. GROUNDWATER ANALYTICAL RESULTS

VOC concentrations detected in DPT groundwater samples and in nearby monitoring wells are summarized in Table 3. TCE concentrations detected in both DPT and monitoring well groundwater samples are shown on Figure 6. Included on the figure are the sample depths and TCE results. Sample depths shown for monitoring wells are the approximate center of the screened interval. Figure 7 provides a summary of VOCs detected in both DPT and monitoring well groundwater samples; for DPT samples, results for the sample with the highest TCE concentration are shown.

When comparing DPT and monitoring well groundwater sampling results, it is important to understand the differences between the two sampling methods and the potential differences in sample results. Monitoring wells, which are permanently installed sampling points, allow collection of repeatable data, whereas DPT samples are discrete, one-time grab samples that are collected from temporary bore holes and provide a one-time data point. In addition, the sampling interval is different using the two methods, as the DPT sampling targets a smaller sample interval. Most of the monitoring wells at the Superfund Site are screened across a 10-ft section of the aquifer, while the DPT sampler screens used were approximately 3.5 feet long.

3.1 Direct Push Groundwater Samples

3.1.1 VOCs in DPT Samples

Analytical results for VOCs in DPT groundwater samples are summarized in Table 3. A copy of the laboratory report is provided in Appendix B. VOCs detected included TCE, PCE, 1,1-DCE, 1,1,1-TCA, 1,1-dichloroethane (1,1-DCA), cis-1,2-DCE, CFC-11, vinyl chloride, and 2-butanone. Because 2-butanone was detected in only one sample, results for this parameter are not listed for all samples in Table 3. Additionally, 2-propanone was reported in all of the DPT groundwater samples and toluene was reported in the majority of the samples; however, these detections appear to be due to laboratory contamination (see Section 3.1.2). Only TCE and 1,1-DCE were detected at concentrations exceeding the Superfund Site cleanup levels. The cleanup levels used in the following discussions are those established for the Superfund Site.

TCE was detected in 19 groundwater samples from ten borings (DPT-6, 9, 10, 11, 12, 13, 15, 16, 17, and 18). TCE concentrations in one or more samples from each of these ten borings also exceeded the cleanup level of 5 µg/L (14 samples), although one of the reported concentrations above the cleanup level was qualified as estimated ("J" flagged). The highest TCE concentration detected was 170 µg/L in the sample collected from boring DPT-17 at 95 ft bgs.

PCE was detected in six groundwater samples from five borings (DPT-11, 12, 13, 15, and 17) at concentrations well below the cleanup level of 5 µg/L. Four of these results were qualified as estimated by the laboratory. The highest concentration of PCE detected was 0.90 µg/L (DPT-12 at 80 ft).

1,1-DCE was detected in 11 groundwater samples from seven borings (DPT-11, 12, 13, 15, 16, 17, and 18). Five of these results were qualified as estimated by the laboratory. The highest concentration of 1,1-DCE detected was 18 µg/L (DPT-18 at 125 ft). Results for nine samples equaled or exceeded the cleanup level of 1 µg/L; however, four of these results were qualified as estimated concentrations. Borings with 1,1-DCE groundwater concentrations above the cleanup level included DPT-11, 13, and 18, as well as possibly 12, 15, 16, and 17 (estimated concentrations).

1,1,1-TCA was detected in ten groundwater samples from eight borings (DPT-9, 11, 12, 13, 15, 16, 17, and 18). The highest concentration of 1,1,1-TCA detected was 4.7 µg/L (DPT-17 at 95 ft). All results were well below the cleanup level of 200 µg/L.

1,1-DCA was detected in five groundwater samples from four borings (DPT-11, 15, 16, and 18). The highest concentration of 1,1-DCA detected was 3.2 µg/L (DPT-18 at 125 ft). No cleanup level has been established for 1,1-DCA. Note that 1,1-DCA is not included in the shortened VOC analytical list used for the Superfund Site; therefore, results for this parameter are not available for monitoring wells.

Cis-1,2-DCE was detected in six groundwater samples from three borings (DPT-15, 16, and 18). The highest concentration of cis-1,2-DCE detected was 2.2 µg/L (DPT-16 at 110 ft). All results were well below the cleanup level of 70 µg/L.

CFC-11 was detected in one groundwater sample at 6.9 µg/L (DPT-15 at 95 ft). The detected CFC-11 result was well below the cleanup level of 2,400 µg/L.

Vinyl chloride was detected in one groundwater sample at 1.7 µg/L (DPT-18 at 125 ft). The result for this sample was below the cleanup level of 2 µg/L.

2-Butanone (or methyl ethyl ketone) was detected in one groundwater sample at 3.8 µg/L (DPT-7 at 40 ft). No other VOCs were detected in this sample. 2-Butanone is a possible laboratory contaminant. No cleanup level has been established for 2-butanone.

3.1.2 Analytical Data Quality for DPT Samples

A quality assurance review of the DPT sample results was performed by the EPA Region 10 laboratory. A quality assurance memorandum prepared by the EPA laboratory is included in Appendix B. EA performed an additional data quality assessment including a review of field Quality Assurance/Quality Control (QA/QC) sample results. Field QA/QC samples for this project included field duplicates, trip blanks, and equipment rinsate blanks, as well as a sample of the deionized water used for the equipment blanks. Table 4 provides a summary of the detected compounds in QA/QC samples. Following is a summary of the findings of the assessment, including a description of data qualifiers added.

Five **field duplicates** were collected to evaluate the precision of the sampling procedures and laboratory analyses. The calculated relative percent difference between the samples and

duplicates was within the project established limit of 25 percent for each sample pair. Table 4 includes the higher of the primary and duplicate sample results, where applicable.

Three **trip blanks** were submitted for analysis to evaluate the potential for sample cross-contamination during sample handling, shipping, or storage on site or at the laboratory. Two VOCs were detected in the trip blank samples; 2-propanone and toluene. 2-propanone was detected in all of the DPT groundwater samples collected and in most of the QA/QC samples; therefore, this compound is assumed to be a laboratory contaminant. Similarly, toluene was detected in most of the DPT groundwater samples and QA/QC samples and is also assumed to be a laboratory contaminant. No other VOCs were detected in the trip blanks; therefore no data qualifiers were required based on trip blank contamination.

Nine **equipment rinsate blanks** were collected to evaluate the effectiveness of field decontamination procedures and to assess the incidental introduction of contaminants into non-disposable sampling equipment. TCE was detected in three of the rinsate blanks at concentrations ranging from 0.15 J µg/L to 0.35 J µg/L. Detectable results that are less than five times the concentration reported in associated rinsate blanks may be false positives. Therefore, a UJ qualifier was added to TCE sample results less than 1.75 µg/L. Because multiple DPT samplers were used and individual samplers could not be clearly associated with individual groundwater samples, all DPT TCE results less than 1.75 µg/L were qualified. Dichloromethane (0.73 µg/L in rinsate #3) and carbon disulfide (4.9 µg/L in rinsate #9) were each detected in one rinsate blank. Dichloromethane was not detected in any field samples; therefore no dichloromethane data were qualified. Carbon disulfide was detected in one DPT groundwater sample (2.4 µg/L in DPT-18 at 125 ft); this result was qualified UJ.

A sample of the **deionized water** used for the equipment rinsate samples was submitted for analysis of VOCs. The following VOCs were detected: dichloromethane (0.76 µg/L), ethylbenzene (0.19 J µg/L), mp-xylene (0.47 J µg/L), and o-xylene (0.27 J µg/L). None of these constituents were detected in the field samples. Dichloromethane was detected in one rinsate sample (rinsate #3 at 0.73 µg/L); however, it was not detected in the field samples. Toluene and 2-propanone were also detected in the deionized water sample; however, as discussed previously, these are assumed to be laboratory contaminants.

3.2 Monitoring Well Groundwater Samples

3.2.1 VOCs in Monitoring Well Samples

Analytical results for VOCs in monitoring well groundwater samples are summarized in Table 3. A copy of the laboratory report, including QA/QC samples, is provided in the *Spring 2011 Semiannual Groundwater Sampling Report* (EA 2011b). Copies of the individual pages for the wells discussed in this report are included in Appendix C.

No VOCs were detected in the groundwater sample from well AMW-5A. Therefore, the following discussion is focused on the other five monitoring wells sampled: AMW-17, AMW-18, MW-15E, MW-38, and PZ-39. Wells MW-15E, MW-38, and PZ-39 are considered

representative of the OU-3 plume, while wells AMW-17 and AMW-18 are impacted by the Northern Plume. The following VOCs were detected in one or more monitoring well groundwater samples: TCE, PCE, 1,1-DCE, 1,1,1-TCA, cis-1,2-DCE, and CFC-11. Cis-1,2-DCE and CFC-11 were detected only in wells within the OU-3 plume.

TCE was detected in groundwater samples from all five wells, at concentrations ranging from 5.5 µg/L in well MW-15E (at the edge of the OU-3 plume) to 75 µg/L in AMW-18 (in the Northern Plume). All of these concentrations exceed the TCE cleanup level of 5 µg/L.

PCE was detected in groundwater samples from all five wells, at concentrations ranging from 0.26 J µg/L in well MW-15E to 1.7 µg/L in PZ-39. None of these concentrations exceed the PCE cleanup level of 5 µg/L.

1,1-DCE was detected in groundwater samples from four of the five wells at concentrations ranging from 0.18 J µg/L in well AMW-18 to 3.6 µg/L in PZ-39. 1,1-DCE was not detected in well MW-15E. The concentration detected in PZ-39 exceeds the cleanup level of 1 µg/L.

1,1,1-TCA was detected in groundwater samples from all five wells, at concentrations ranging from 0.08 J µg/L in MW-15E to 1.4 µg/L in PZ-39. None of these concentrations exceed the cleanup level of 200 µg/L.

Cis-1,1-DCE was detected in groundwater samples from two wells at concentrations of 0.19 J µg/L in MW-38 and 1.1 µg/L in PZ-39. Neither of these concentrations exceed the cleanup level of 70 µg/L.

CFC-11 was detected in groundwater samples from the three OU-3 wells at concentrations of 0.14 J µg/L in MW-15E, 0.19 J µg/L in MW-38, and 6.1 µg/L in PZ-39. None of these concentrations exceeds the cleanup level of 2,400 µg/L.

3.2.2 Analytical Data Quality for Monitoring Well Samples

A data quality assessment was performed by EA in conjunction with the Spring semiannual sampling event at the Superfund Site. Field QA/QC samples analyzed in conjunction with that sampling event included field duplicates and trip blanks. No equipment rinsate blanks were required or collected because either dedicated or disposable equipment was used for sample collection. Results of the data quality assessment are provided in the *Spring 2011 Semiannual Groundwater Sampling Report* (EA 2011b). The data were found to meet the requirements established in the QASP for the Superfund Site (EA 2004). No VOC data were qualified as a result of the assessment.

4. DISCUSSION

Sampling depths for the 2011 investigation were selected based on the depth of contamination detected during the 2008 AMW-18 area investigation (see Section 1.3.2). During the 2011 investigation, in the easternmost boring where TCE was detected (DPT-6), TCE was detected near the water table at about 30 ft bgs. In the central borings (DPT-9 and DPT-10), TCE occurred primarily at depths of approximately 60 to 80 ft bgs. In the western (downgradient) borings, and in wells AMW-17 and AMW-18, TCE occurred primarily at depths of approximately 75 to 110 ft bgs. (Note that elevation differences between sampling locations in the downgradient area may be as much as 20 ft.) TCE impacted increasingly deeper intervals going from east to west (upgradient to downgradient). This pattern of TCE moving downward in the alluvial aquifer from a shallow source (east to west) is consistent with the contaminant distribution in the OU-3 groundwater plume.

TCE results from samples collected in 2011 from the eastern, or upgradient, and central portions of the investigation area were very similar to those obtained in 2008. TCE was not detected in groundwater samples collected in the furthest upgradient borings advanced during this investigation (DPT-1, -2R, -4, -5, and -7); these samples were collected just below the water table in an attempt to identify potential source areas. The shallowest groundwater sample collected from DPT-6 (in the same location as 2008 sampling point GP8) contained TCE at a concentration just above the cleanup level of 5 µg/L (6.9 µg/L); this result is similar to that obtained in 2008 in this location (8.0 µg/L). The groundwater sample collected from DPT-9 at 80 ft bgs (in the same location as 2008 sampling point GP5) contained TCE at a concentration well above the cleanup level (82 µg/L); this result is very similar to that obtained in 2008 at this location and depth (78 µg/L). As observed during the 2008 investigation, TCE concentrations were found to increase moving downgradient in the Northern Plume.

DPT samples in the western, or downgradient, portion of the Northern Plume area were collected in different locations than in 2008. In 2011, the highest TCE concentrations were detected in this area from borings DPT-12 (130 µg/L), DPT-13 (150 µg/L), and DPT-17 (170 µg/L) at depths of 80 to 95 ft bgs. TCE concentrations were much lower in groundwater samples from borings DPT-11 (6.0 J µg/L), DPT-15 (20 µg/L), DPT-16 (10 µg/L), and DPT-18 (7.7 µg/L), with maximum concentrations detected at depths of 80 to 110 ft bgs. While the TCE concentrations in these locations were all above the cleanup level, there is an apparent distinction between the hotspots of the OU-3 plume and the Northern Plume. The three locations with elevated TCE concentrations (DPT-12, DPT-13, and DPT-17) appear to be separated from the elevated TCE concentrations in the OU-3 TCE plume by the row of borings with much lower TCE concentrations (DPT-11, DPT-15, DPT-16, and DPT-18).

Six monitoring wells were sampled in conjunction with this investigation. Wells MW-15E, MW-38, and PZ-39 are associated with OU-3 while wells AMW-17 and AMW-18 have been impacted by the Northern Plume, based on concentration trends and VOCs detected. Well AMW-5A was not impacted by either plume. As shown in Table 1, TCE concentrations in groundwater from the wells in the OU-3 plume continue to decrease. In the Northern Plume

area, TCE concentrations in well AMW-17 increased slightly and TCE concentrations in well AMW-18 continued to decrease following the rapid rise in 2007/2008.

The length of the area of TCE-impacted groundwater in the Northern Plume is estimated at more than 2,000 ft, based on current data. The source of the VOC groundwater contamination in the Northern Plume has not been identified; however, the source is not the same as for the OU-3 VOC plume. In addition to being geographically distinct, the lack of CFC-11 indicates a separate source. CFC-11 has commonly been detected in groundwater samples from OU-3 and has been used to identify VOCs from the Linde source. This compound was not present in groundwater samples collected from the Northern Plume area. Based on the distinct constituents and historical separation of the plumes, this contamination is not the result of actions by Linde or its predecessors.

5. REFERENCES

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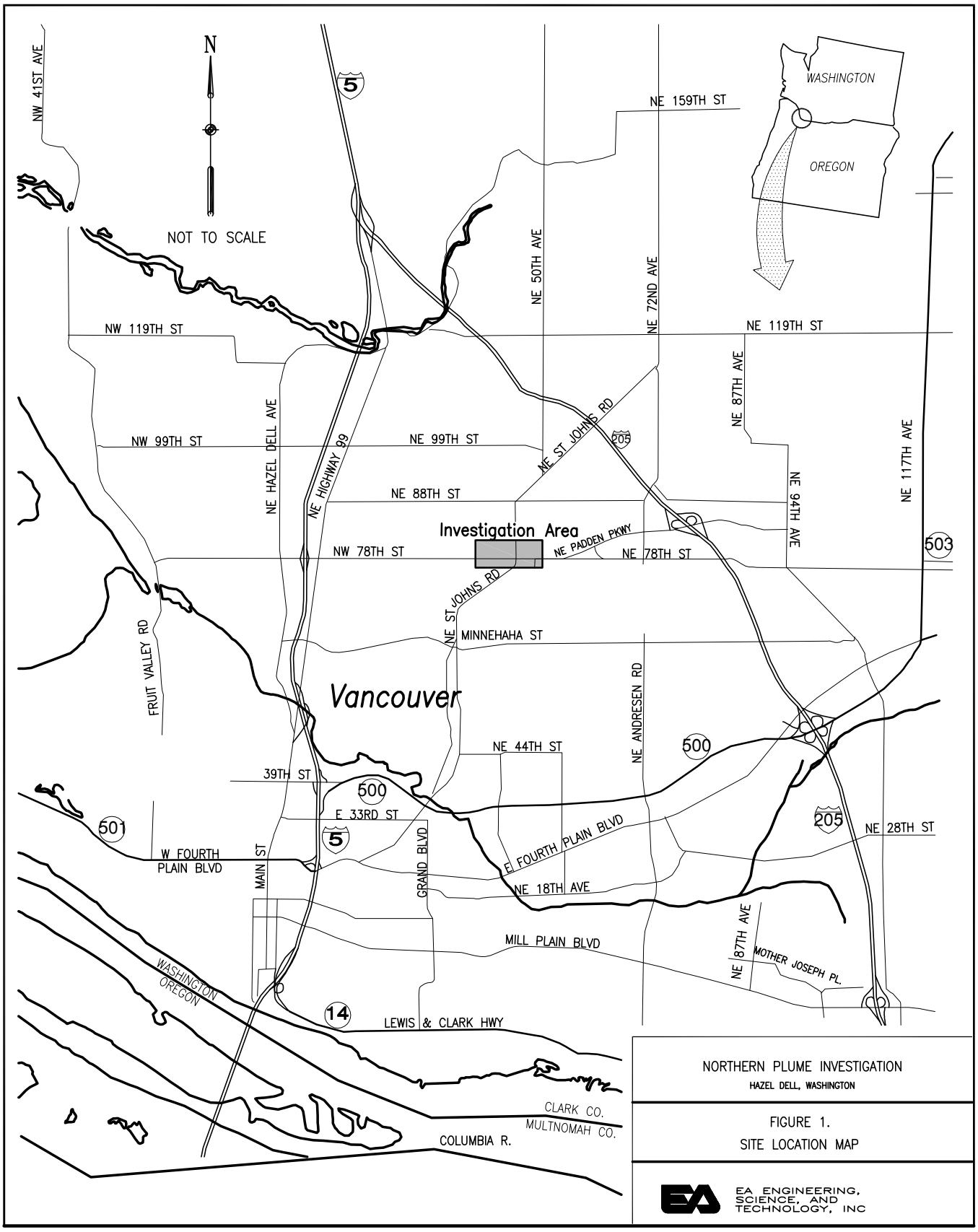
Figures



NORTHERN PLUME INVESTIGATION

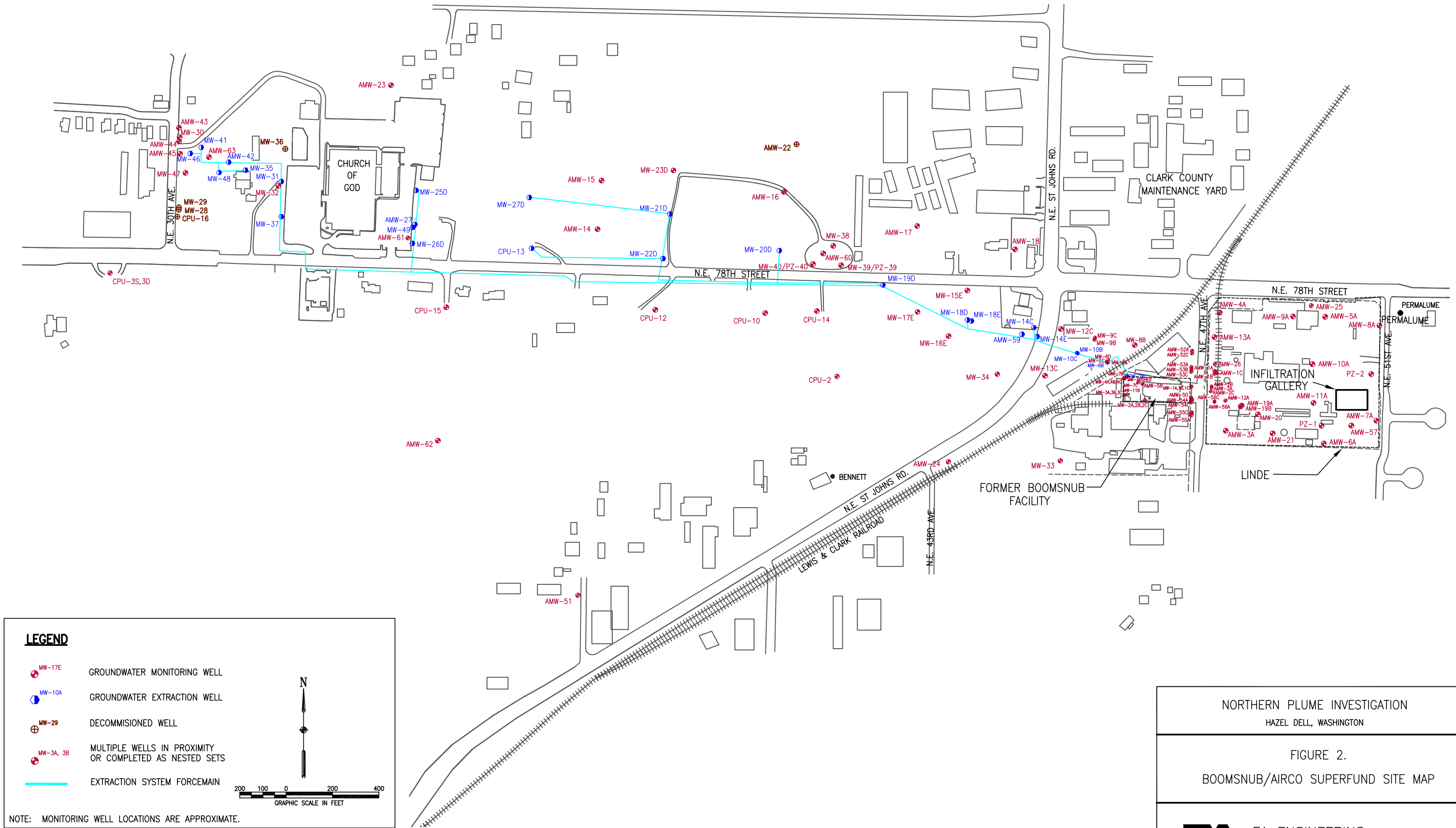
HAZEL DELL, WASHINGTON

FIGURE 1.

SITE LOCATION MAP

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC

F:\Projects\14495.28 Linde Northern Plume Investigation\0003 Report\N Plume Report Rev 0\Figures\FIG 1 location map.dwg, 9/21/2011 4:56:37 PM, lwood



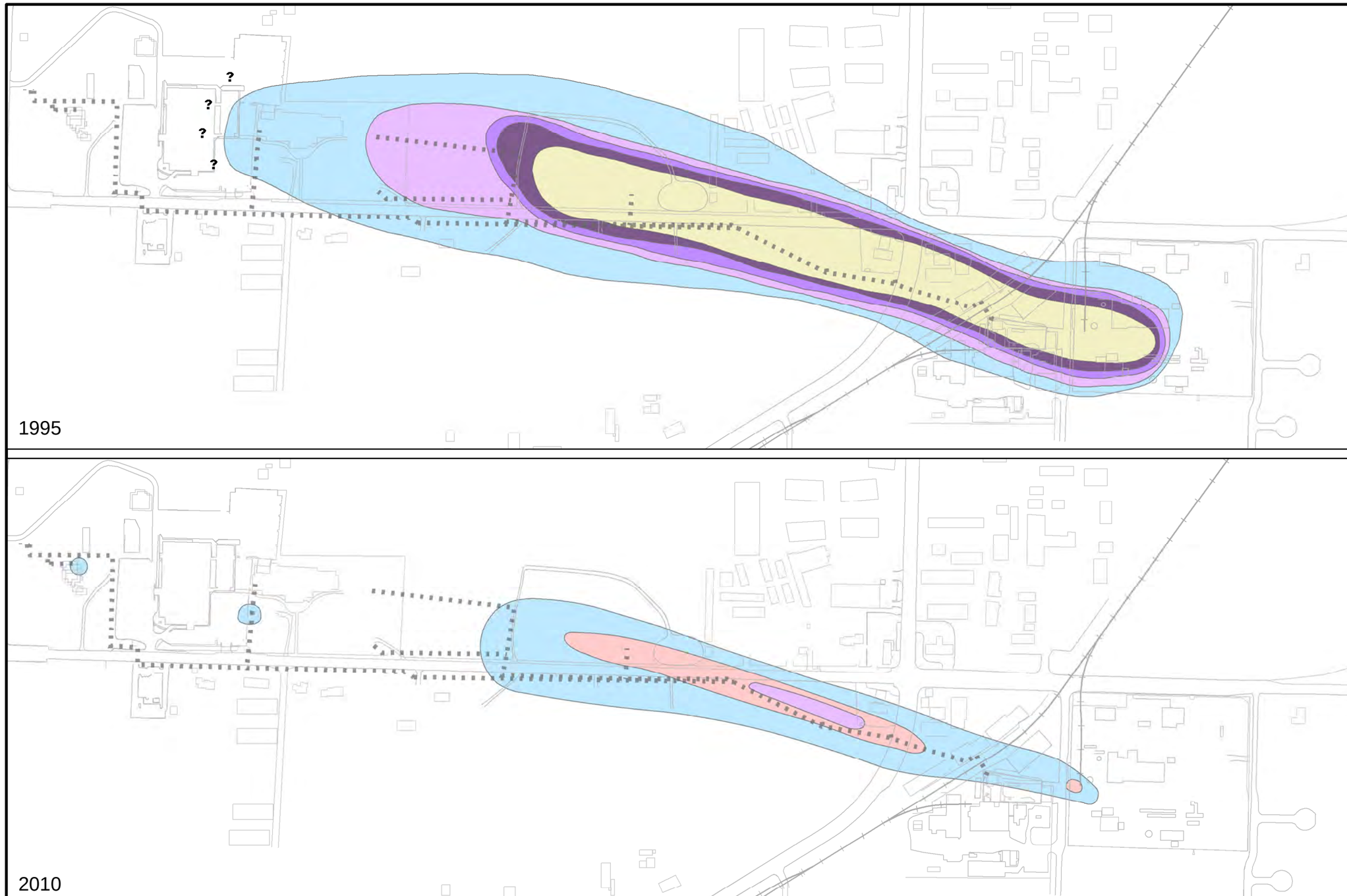
NORTHERN PLUME INVESTIGATION

HAZEL DELL, WASHINGTON

FIGURE 2.

BOOMSNUB/AIRCO SUPERFUND SITE MAP

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC



Legend

Extraction Well Pipeline

TCE Concentration Contours

- 5 - 25 µg/L
- 25 - 100 µg/L
- 100 - 500 µg/L
- 500 - 1,000 µg/L
- 1,000 - 2,000 µg/L
- > 2,000 µg/L

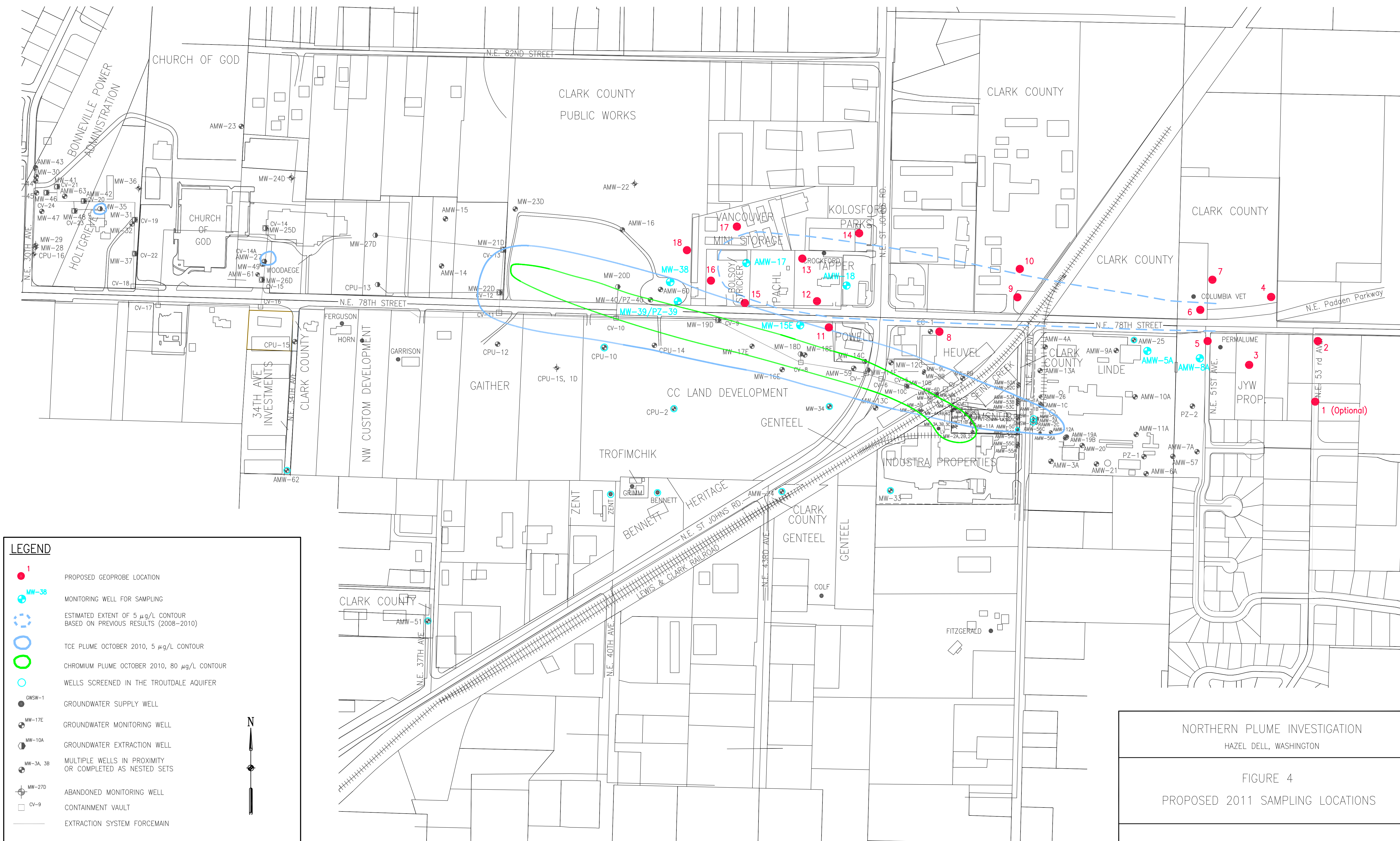
N W E S

Note:
Contours represent evaluation of probable conditions based on presently available data. Some variations from these conditions must be expected.

0 200 400 800
Feet

EA Engineering, Science, and Technology, Inc.

PROJECT MGR: CMB	DESIGNED BY: BSM	DATE: FEBRUARY 2011	FILE No.: H:\projects/1449505\FALL2010\MXD \Annual Report\TCE_1995vs2010	BOOMSNUB/AIRCO SUPERFUND SITE HAZEL DELL, WASHINGTON	FIGURE 3 OU-3 TCE PLUME MAP 1995 vs. 2010
CHECKED BY: GAH	DRAWN BY: JPK	PROJECT No.: 14495.05	SCALE: AS SHOWN, SAME IN BOTH FRAMES		



LEGEND

- PROPOSED GEOPROBE LOCATION
- MONITORING WELL FOR SAMPLING
- ESTIMATED EXTENT OF 5 $\mu g/L$ CONTOUR BASED ON PREVIOUS RESULTS (2008–2010)
- TCE PLUME OCTOBER 2010, 5 $\mu g/L$ CONTOUR
- CHROMIUM PLUME OCTOBER 2010, 80 $\mu g/L$ CONTOUR
- WELLS SCREENED IN THE TROUTDALE AQUIFER
- GROUNDWATER SUPPLY WELL
- GROUNDWATER MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- MULTIPLE WELLS IN PROXIMITY OR COMPLETED AS NESTED SETS
- ABANDONED MONITORING WELL
- CONTAINMENT VAULT
- EXTRACTION SYSTEM FORCEMAIN

NOTES: MONITORING WELL LOCATIONS ARE APPROXIMATE.

200 100 0 200 400
GRAPHIC SCALE IN FEET

NORTHERN PLUME INVESTIGATION
HAZEL DELL, WASHINGTON

FIGURE 4
PROPOSED 2011 SAMPLING LOCATIONS

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC

Y:\Projects\14495.28 Linde Northern Plume Investigation\0003 Report\N Plume Report Rev 0\Figures\FIG 4 Proposed 2011 sampling locations.dwg, 10/3/2011 2:59:40 PM

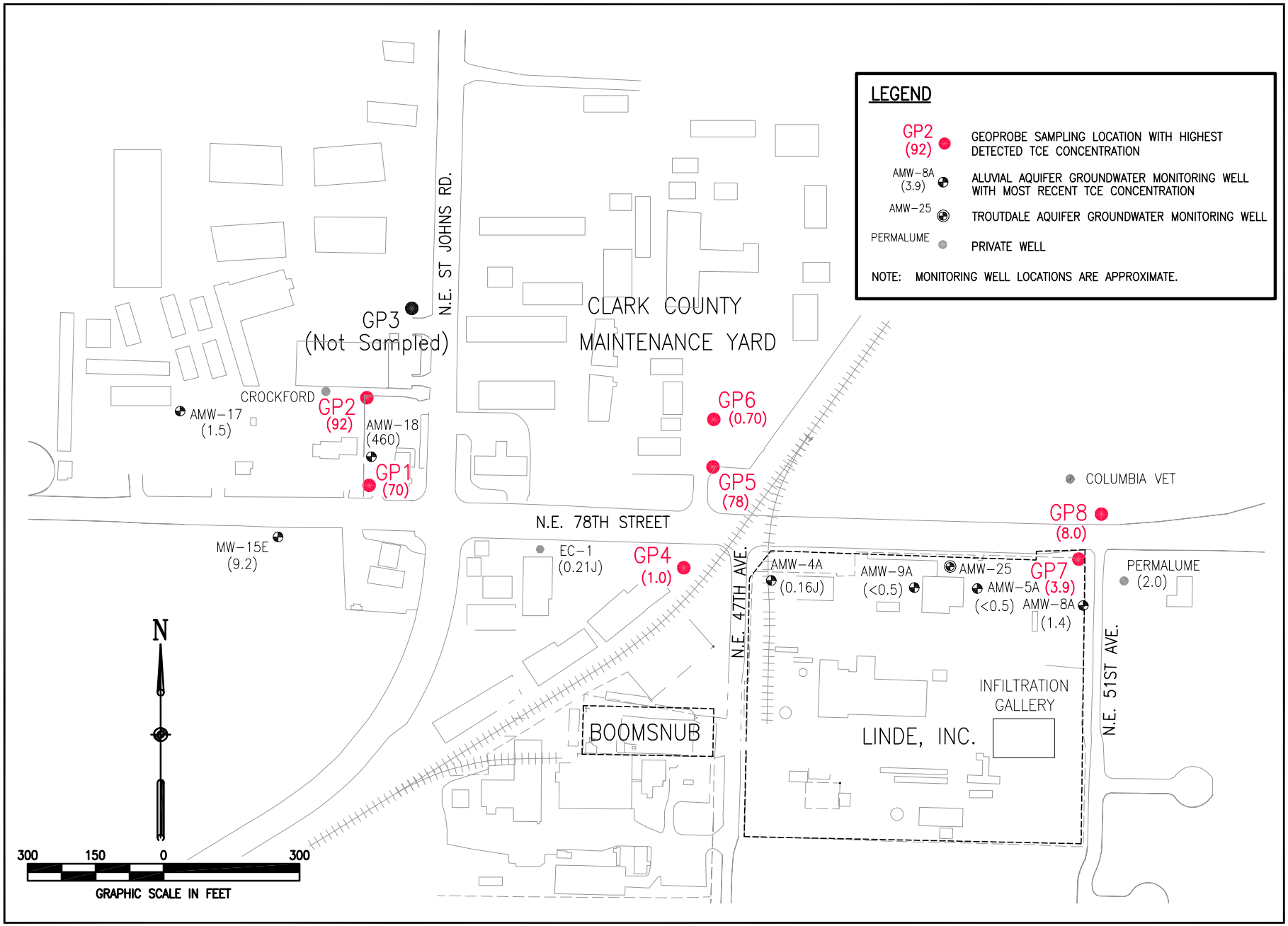


Figure 5. AMW-18 Area 2008 Investigation – Geoprobe Sample Locations and Results.

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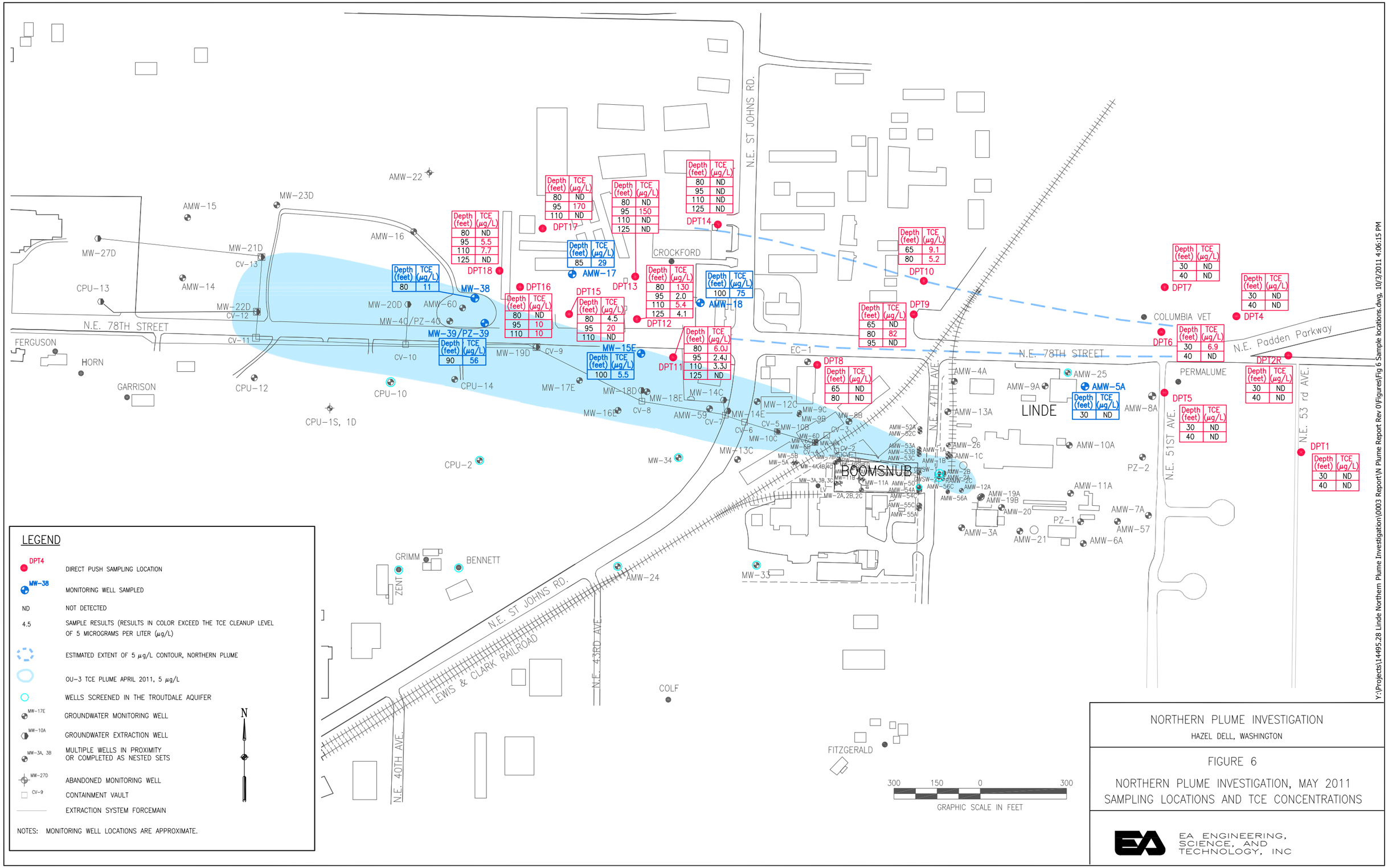


LEGEND

DPT4	DIRECT PUSH SAMPLING LOCATION
MW-38	MONITORING WELL SAMPLED
ND	NOT DETECTED
4.5	SAMPLE RESULTS (RESULTS IN COLOR EXCEED THE TCE CLEANUP LEVEL OF 5 MICROGRAMS PER LITER (µg/L)
	ESTIMATED EXTENT OF 5 µg/L CONTOUR, NORTHERN PLUME
	OU-3 TCE PLUME APRIL 2011, 5 µg/L
	WELLS SCREENED IN THE TROUTDALE AQUIFER
MW-17E	GROUNDWATER MONITORING WELL
MW-10A	GROUNDWATER EXTRACTION WELL
MW-3A, 3B	MULTIPLE WELLS IN PROXIMITY OR COMPLETED AS NESTED SETS
MW-27D	ABANDONED MONITORING WELL
CV-9	CONTAINMENT VAULT
	EXTRACTION SYSTEM FORCEMAIN

N

NOTES: MONITORING WELL LOCATIONS ARE APPROXIMATE.

NORTHERN PLUME INVESTIGATION

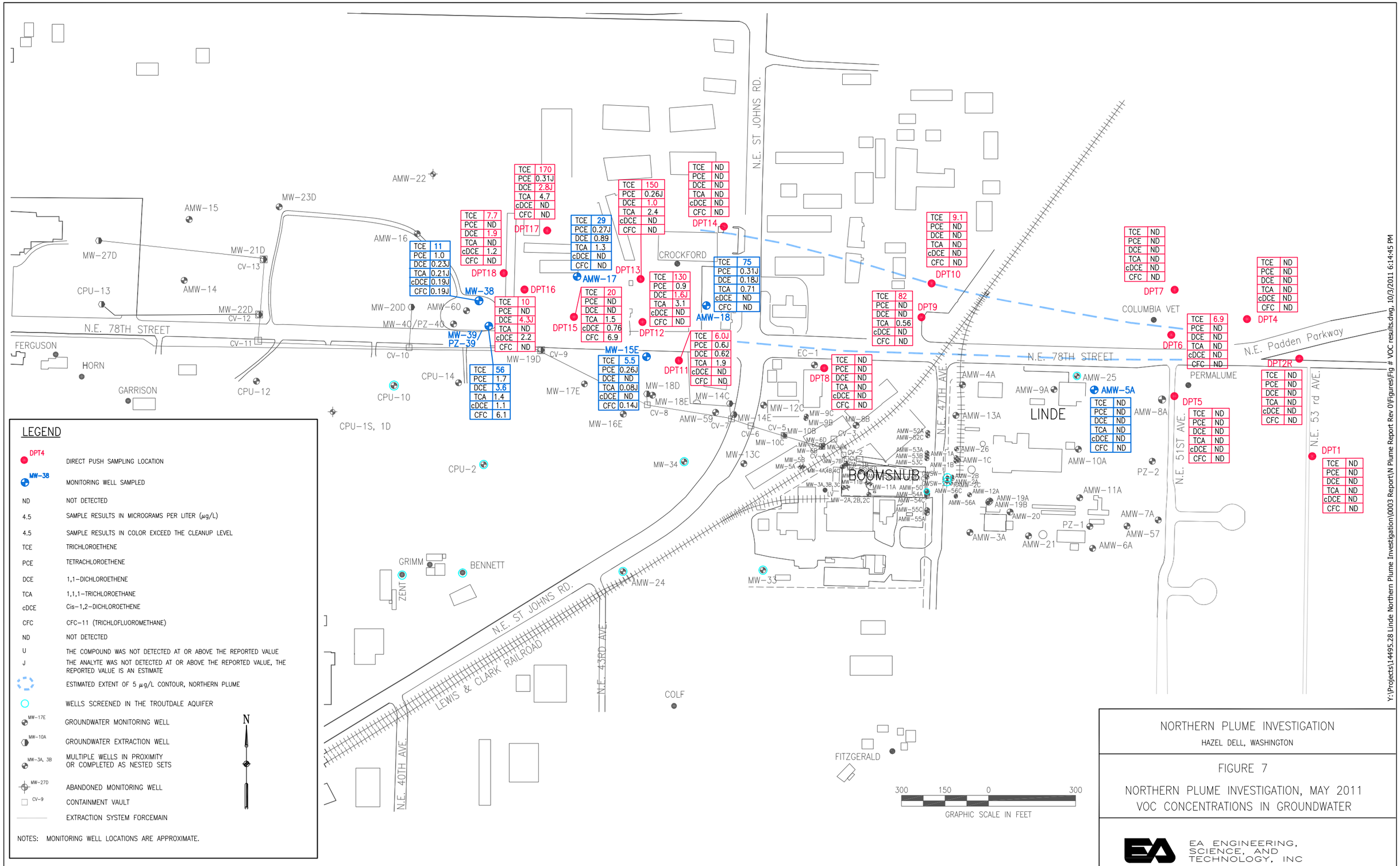
HAZEL DELL, WASHINGTON

FIGURE 6

NORTHERN PLUME INVESTIGATION, MAY 2011
SAMPLING LOCATIONS AND TCE CONCENTRATIONS

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC

Y:\Projects\14495.28 Linde Northern Plume Investigation\0003 Report\N Plume Report Rev 0\Figures\Fig 6 Sample locations.dwg, 10/3/2011 4:06:15 PM



NORTHERN PLUME INVESTIGATION

HAZEL DELL, WASHINGTON

FIGURE 7

NORTHERN PLUME INVESTIGATION, MAY 2011
VOC CONCENTRATIONS IN GROUNDWATER

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC

Tables

Table 1. Historical VOC Concentrations in Selected Monitoring Well Groundwater Samples (in ug/L)

Date Sampled	TCE		PCE		1,1-DCE		1,1,1-TCA		Cis-1,2-DCE		CFC-11	
Cleanup Level	5		5		1		200		70		2,400	
AMW-8A (Screened 24.5 to 34.5 ft bgs)												
?-92	**1,700**		--		--		--		--		--	
Apr-95	**692**		0.77	J	**3.8**		30.3		0.11	J	1	UJ
Oct-95	**570**		0.5	J	**2.7**		16.6		1	U	1	U
May-96	**128**		1	U	0.22	J	6.3		1	U	1	U
Oct-96	**239**		5	U	5	U	6.2		5	U	5	U
Oct. 97	**100**		0.4	U	0.4	U	3		0.7	U	0.5	U
May-98	**65**		0.6	U	1	U	2	U	0.7	U	2	U
Oct-98	**100**		0.6	U	1	U	2		0.7	U	2	U
May-99	**41**		0.6	UJ	1	UJ	2	UJ	0.5	UJ	2	UJ
Oct-99	**150**	J	0.5	U	0.5	U	2.5		0.5	U	0.5	U
May-00	**63**		0.5	U	0.5	U	1.4		0.5	U	0.5	U
Oct-00	**92**		0.5	U	0.5	U	1.7		0.5	U	0.5	U
May-01	**81**		0.5	U	0.5	U	1.4		0.5	U	0.5	U
Oct-01	**68**		0.11	J	0.5	U	1.2		0.5	U	0.5	U
May-02	**79**		0.14	J	0.5	U	1.3		0.5	U	0.5	U
Oct-02	**38**		0.21	J	0.5	U	1.2		0.5	U	0.5	U
May-03	**59**		0.5	U	0.5	U	1		0.5	U	0.5	U
Oct-03	**27**		0.12	J	0.5	U	1		0.5	U	0.5	U
Oct-04	**40**		0.5	U	0.5	U	1.1		0.5	U	0.5	U
May-05	--		0.5	U	0.5	U	--		0.5	U	0.5	U
May-06	4.7		0.5	U	0.5	U	0.22	J	0.5	U	0.5	U
Oct-06	3		0.5	U	0.5	U	0.14	J	0.5	U	0.5	U
May-07	1.7		0.5	U	0.5	U	0.14	J	0.5	U	0.5	U
Oct-07	1.4		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Jan-08	1.4		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
May-08	1.4		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Oct-08	0.91		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
May-09	1.1		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Oct-09	1.0		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Apr-10	1.3		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Oct-10	0.79		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AMW-17 (Screened 81 to 91 ft bgs)												
Apr-95	**66.9**		1	U	**1.6**	J	5.8		21		10.6	
Oct-95	**42.5**		1	U	**5.4**		36.1		12.7		19.2	J
May-96	**39.6**		1	U	**9.7**		52.6		12.3		10.1	
Oct-96	**20.5**		1	U	**25.9**		169		9.2		19.7	
May-97	**17.3**		1	U	**23.8**		89.6		3.5		23.3	
Oct. 97	**12**		0.4	U	**9**		67		2.1		14	
May-98	**7.0**		0.6	U	**9**		48		0.7	U	9	
Sep-98	**8.0**		0.6	U	**9**		52		0.7	U	6	
May-99	**5.0**		0.6	UJ	**8**	J	12	J	0.7	UJ	5	J
Oct-99	3.4		0.5	U	**1.2**		3		0.5	U	0.5	
Oct-01	2.7		0.5	U	**1.8**		4.2		0.39	J	0.52	

Table 1. Historical VOC Concentrations in Selected Monitoring Well Groundwater Samples (in ug/L)

Date Sampled	TCE		PCE		1,1-DCE		1,1,1-TCA		Cis-1,2-DCE		CFC-11	
Cleanup Level	5		5		1		200		70		2,400	
Oct-02	2.3		0.5	U	0.74		2.2		0.22	J	0.35	J
Oct-03	2.2		0.5	U	0.45	J	1.1		0.12	J	0.25	J
Oct-04	1.8		0.5	U	0.32	J	0.9		0.5	U	0.19	J
Oct-05	1.9		0.5	U	0.29	J	0.85		0.5	U	0.5	U
Oct-06	1.5		0.5	U	0.23	J	0.69		0.5	U	0.5	U
Oct-07	1.5		0.5	U	0.5	U	1.1		0.5	U	0.5	U
Oct-08	1.2		0.09	J	0.5	U	0.2	J	0.5	U	0.5	U
Jan-09	1.1		0.09	J	0.5	U	0.17	J	0.5	U	0.5	U
May-09	1.3		0.08	J	0.13	J	0.31	J	0.5	U	0.5	U
Oct-09	1.2		0.07	J	0.22	J	0.8		0.5	U	0.5	U
Apr-10	1.1		0.09	J	0.33	J	1.0		0.5	U	0.5	U
Oct-10	**28**		0.21	J	**1.4**		2.6		0.5	U	0.5	U
Apr-11	**29**		0.27	J	0.89		1.3		0.5	U	0.5	U
AMW-18 (Screened 92.7 to 102.7 ft bgs)												
Apr-95	0.73	J	1	U	0.87	J	2.9		1	U	1	UJ
Oct-95	0.3	J	1	U	0.53	J	1		1	U	1	U
May-96	1	U	1	U	1	U	0.52	J	1	U	1	U
Oct-96	0.31	J	1	U	1	U	0.48	J	1	U	1	U
May-97	0.43	J	1	U	1	U	0.44	J	1	U	1	UJ
Oct. 97	0.3	U	0.4	U	0.4	U	0.4	U	0.5	U	0.5	U
May-98	0.5	U	0.6	U	1	U	2	U	0.7	U	2	U
Oct-01	1.1		0.15	J	0.12	J	0.19	J	0.5	U	0.5	U
Oct-02	1.1		0.26	J	0.5	U	0.25	J	0.5	U	0.5	U
Oct-03	0.95		0.29	J	0.5	U	0.17	J	0.5	U	0.5	U
Oct-04	0.64		0.28	J	0.5	U	0.17	J	0.5	U	0.5	U
Oct-05	0.62		0.24	J	0.13	J	0.78		0.5	U	0.5	U
Oct-06	**5.1**		0.43	J	0.78		2.4		0.5	U	0.5	U
Oct-07	**330**		1.6		**2.7**		6.5		0.5	U	0.5	U
Dec-07	**410**		2.1		**2.9**		7.5		0.5	U	0.5	U
Jan-08 shallow [a]	**430**		1.9		**2.6**		6.9		1	U	1	U
Jan-08 deep [a]	**460**		1.9		**2.7**		6.9		1	U	1	U
May-08	**460**		2.3		**2.4**		6.0		0.5	U	0.5	U
Jul-08	**410**		1.4		**1.7**		4.8		1	U	1	U
Oct-08	**390**		1.4		**1.4**		4.5		1	U	1	U
Jan-09	**300**		1.5		**1.3**		3.2		0.5	U	0.5	U
May-09	**320**		1.4		**1.1**		2.6		0.5	U	0.5	U
Oct-09	**210**		0.75		0.75		1.8		0.5	U	0.5	U
Apr-10	**200**		0.66		0.61		2.1		0.5	U	0.5	U
Oct-10	**130**		0.47	J	0.35	J	0.85		0.5	U	0.5	U
Apr-11	**75**		0.31	J	0.18	J	0.71		0.5	U	0.5	U
MW-15E (Screened 94.1 to 104.1 ft bgs)												
Apr-95	**1090**		**12.8**	J	**28.8**	J	15	J	10.9	J	1360	
Oct-95	**597**		**7.6**		**24.3**		10.5		11.1		863	
May-97	**1100**		**9.3**	J	**28.7**	J	17.6		19.1		479	J

Table 1. Historical VOC Concentrations in Selected Monitoring Well Groundwater Samples (in ug/L)

Date Sampled	TCE	PCE	1,1-DCE	1,1,1-TCA	Cis-1,2-DCE	CFC-11
Cleanup Level	5	5	1	200	70	2,400
Oct. 97	**450**	4	**16**	11	14	150
May-98	**170**	1	**9**	9	7	110
Oct-98	**50**	0.6 UJ	**18**	6	2	18
May-99	**59**	0.6 U	**2**	6	0.7 U	20
Oct-99	**34**	0.7	**1.9**	4.1	1.4	8
Oct-01	**26.9**	0.57	**1.2**	1.5	0.52 J	2
Oct-02	**21**	0.46 J	0.45 J	0.58	0.23 J	1.2
Oct-04	**17**	0.34 J	0.4 J	0.32 J	0.14 J	0.79
May-05	**12**	0.33 J	0.19 J	0.27 J	0.5 U	0.43 J
Jan-08	**9.2**	0.39 J	0.23 J	0.3 J	0.5 U	0.27 J
Oct-08	**9.9**	0.29 J	0.22 J	0.21 J	0.09 J	0.45 J
May-09	**8.4**	0.35 J	0.2 J	0.14 J	0.06 J	0.27 J
Oct-09	**7.5**	0.26 J	0.12 J	0.13 J	0.5 U	0.22 J
Apr-10	**7.9**	0.27 J	0.08 J	0.13 J	0.5 U	0.19 J
Oct-10	**6.0**	0.22 J	0.50 U	0.50 U	0.5 U	0.5 U
Apr-11	**5.5**	0.26 J	0.50 U	0.08 J	0.5 U	0.14 J
MW-38 (Screened 77 to 82 ft bgs)						
Oct-10	**12**	0.77	0.68	0.33 J	0.21 J	0.47 J
Apr-11	**11**	1	0.23 J	0.21 J	0.19 J	0.19 J
PZ-39 (Screened 88 to 90 ft bgs)						
Oct-99	**2,100** J	**7.5**	**70**	27	26	1,400 J
Oct-09	**99**	1.6	**15**	4.3	3.2	29
Oct-10	**97**	1.5	**12**	2.2	2.4	16
Apr-11	**56**	1.7	**3.6**	1.4	1.1	6.1
Permalume (Screened ~40? ft bgs)						
Mar-93	**130** [b]	NA	NA	NA	NA	NA
Oct-95	**76.9**	1 U	0.21 J	3.3	1 U	1 U
Apr-02	**5.7** [c]	NA	NA	NA	NA	NA
Jan-03	ND [c]	NA	NA	NA	NA	NA
Jul-03	**16.4** [c]	NA	NA	NA	NA	NA
May-05	2.03 [c]	NA	NA	NA	Na	NA

Notes:
BOLD results exceed the cleanup level.
Concentrations presented are the highest of the sample and duplicate results, where applicable.
J = The result is an estimated concentration that is less than the method reporting limit but greater than or equal to the method detection limit.
NA = Not available
ND = Not detected
U = The compound was not detected at or above the reported value.
ug/L = Micrograms per liter.
UJ - The analyte was not detected at or above the reported value; the reported value is an estimate.
Concentrations presented are the highest of the sample and duplicate results, where applicable.
1,1-DCE = 1,1-Dichloroethene
1,1,1-TCA = 1,1,1-Trichloroethane
CFC-11 = Trichlorofluoromethane

Table 1. Historical VOC Concentrations in Selected Monitoring Well Groundwater Samples (in ug/L)

Notes Continued:
cis-1,2-DCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichloroethene
[a] = Two samples were collected using PDBs in January 2008 - one near the top of the screened interval (shallow) and one near the bottom (deep).
[b] = Permalume sample collected on 10 March 1993 by the Department of Health. (A second, unpurged sample contained 100 ug/L TCE.)
[c] = Permalume samples collected in April 2002, 21 January 2003, 9 July 2003, and May 2005 by Coles Environmental Consulting, Inc. (CEC).
-- = Not sampled.

Table 2. AMW-18 Area Investigation, May 2008
Groundwater Sample Analytical Results (in ug/L)

Sample Location (depth in ft)	Sample ID	TCE	PCE	1,1-DCE	1,1,1-TCA	CFC-11	Bromo-dichloro-methane
Geoprobe Borings							
GP1 - 65'	0820002	0.070 J	0.20 J	0.50 U	0.50 U	0.50 U	0.50 U
GP1 - 80'	0820003	**70**	0.43 J	0.34 J	1.0	0.50 U	0.50 U
GP1 - 95'	0820004	2.5	0.50 U	0.71	2.6	0.50 U	0.50 U
GP1 - 110'	0820006	0.69	0.090 J	0.50 U	0.14 J	0.50 U	0.50 U
GP1 - 125'	0820007	0.56	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP2 - 65'	0820008	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP2 - 80'	0820009	0.080 J	0.14 J	0.50 U	0.50 U	0.50 U	0.50 U
GP2 - 95'	0820010	**92**	0.23 J	0.22 J	0.88	0.50 U	0.50 U
GP2 - 110'	0820011	**50**	0.18 J	0.73	2.5	0.50 U	0.50 U
GP2 -125'	0820012	0.50 U	0.50 U	0.50 U	0.060 J	0.50 U	0.50 U
GP4 - 50'	0820014	0.090 J	0.080 J	0.50 U	0.50 U	0.50 U	0.050 J
GP4 - 65'	0820015	1.0	0.50 U	0.50 U	0.16 J	0.11 J	0.50 U
GP4 - 80'	0820016	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.050 J
GP4 - 95'	0820018	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP4 - 110'	0820019	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP5 - 50'	0821041	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP5 - 65'	0821042	**5.1**	0.11 J	0.50 U	0.080 J	0.50 U	0.060 J
GP5 - 80'	0821043	**78**	0.50 U	0.11 J	0.57	0.50 U	0.040 J
GP5 - 95'	0821044	0.50 U	0.50 U	0.50 U	0.15 J	0.50 U	0.50 U
GP5 - 110'	0821045	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP6 - 50'	0821035	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP6 - 65'	0821036	0.70	0.080 J	0.50 U	0.070 J	0.50 U	0.50 U
GP6 - 80'	0821037	0.070 J	0.50 U	0.50 U	0.12 J	0.50 U	0.50 U
GP6 - 95'	0821039	0.50 U	0.50 U	0.50 U	2.1	0.50 U	0.50 U
GP6 - 110'	0821040	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP7 - 35'	0820022	3.9	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP7 - 50'	0820023	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP7 - 65'	0820024	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP7 - 80'	0820026	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP7 - 110'	0820027	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP8 - 35'	0821028	**8.0**	0.50 U	0.50 U	0.16 J	0.50 U	0.50 U
GP8 - 50'	0821029	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP8 - 65'	0821030	0.50 U	0.50 U	0.50 U	0.060 J	0.50 U	0.040 J
GP8 - 80'	0821031	0.50 U	0.50 U	0.50 U	0.050 J	0.50 U	0.50 U
GP8 - 95'	0821032	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
GP8 - 110'	0821033	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Wells							
AMW-8A	0819041	1.4	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
AMW-18	0819042	**460**	2.3	**2.4**	6	0.50 U	0.50 U
EC-1	0819062	0.21 J	0.23 J	0.50 U	0.50 U	0.50 U	0.50 U
Cleanup Level		5	5	1	200	2,400	1

Table 2. AMW-18 Area Investigation, May 2008 Groundwater Sample Analytical Results (in ug/L)

NOTES:

Only detected compounds are included in this table.
Bold results exceed the cleanup level.
1,1-DCE = 1,1-Dichloroethene.
1,1,1-TCA = 1,1,1-Trichloroethane.
CFC-11 = Trichlorofluoromethane.
ft = Feet.
J = The result is an estimated concentration that is less than the method reporting limit but greater than or equal to the method detection limit.
NA = Not applicable.
PCE = Tetrachloroethene.
TCE = Trichloroethene.
U = The compound was not detected at or above the reported value.
ug/L = micrograms per liter.

Table 3. Northern Plume Investigation, May 2011
Groundwater Sample Analytical Results (in ug/L)

Sample Location (depth in ft)	Sample ID	TCE	PCE	1,1-DCE	1,1,1-TCA	1,1-DCA	Cis-1,2-DCE	CFC-11	VC
Cleanup Level		5	5	1	200	NA	70	2,400	2
Geoprobe Borings									
DPT1-30	194100	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT1-40	194101	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT2R-30	204127	0.23 UJ	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U
DPT2R-40	204128	0.22 UJ	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U
DPT4-30	194102	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT4-40	194103	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT5-30	194112	1.1 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT5-40	194113	0.34 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT6-30	194108	**6.9**	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT6-40	194109	0.38 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT7-30	194104	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT7-40	194105	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT8-65	194122	0.39 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT8-80	194123	0.9 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT9-65	194117	1.3 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT9-80	194119	**82**	1.0 U	0.50 U	0.56	0.50 U	0.50 U	2.0 U	0.50 U
DPT9-95	194121	0.61 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT10-65	194114	**9.1**	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT10-80	194115	**5.2**	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT11-80	194124	**6.0 J**	0.60 J	0.62	1.90	0.50 U	0.50 U	2.0 U	0.50 U
DPT11-95	194127	2.4 J	0.37 J	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT11-110	194128	3.3 J	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT11-125	194129	0.54 UJ	1.0 U	**6.9**	0.50 U	0.54	0.50 U	2.0 U	0.50 U
DPT12-80	204112	**130**	0.9	**1.6 J**	3.1	0.50 U	0.50 U	1.0 UJ	0.50 U
DPT12-95	204113	2.0	2.0 U	2.0 U	0.77	0.50 U	0.50 U	1.0 UJ	0.50 U
DPT12-110	204114	**5.4**	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 UJ	0.50 U
DPT12-125	204115	4.1	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 UJ	0.50 U
DPT13-80	204116	0.74 UJ	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 UJ	0.50 U
DPT13-95	204117	**150**	0.26 J	**1.0**	2.4	0.50 U	0.50 U	1.0 UJ	0.50 U
DPT13-110	204118	0.60 UJ	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 UJ	0.50 U
DPT13-125	204119	0.38 UJ	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 UJ	0.50 U
DPT14-80	194131	0.33 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT14-95	194132	0.44 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT14-110	194134	0.46 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT14-125	194136	0.36 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT15-80	204104	4.50	0.60	2.0 U	0.58	0.50 U	0.50 U	1.0 U	0.50 U
DPT15-95	204105	**20**	2.0 U	2.0 U	1.50	1.4	0.76	6.9	0.50 U
DPT15-110	204107	0.50 U	2.0 U	**3.5 J**	0.50 U	1.8	0.50 U	1.0 U	0.50 U

Table 3. Northern Plume Investigation, May 2011
Groundwater Sample Analytical Results (in ug/L)

Sample Location (depth in ft)	Sample ID	TCE	PCE	1,1-DCE	1,1,1-TCA	1,1-DCA	Cis-1,2-DCE	CFC-11	VC
Cleanup Level		5	5	1	200	NA	70	2,400	2
DPT16-80	204108	1.1 UJ	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 UJ	0.50 U
DPT16-95	204109	**10**	2.0 U	0.66 J	0.82	0.50 U	0.79	1.0 UJ	0.50 U
DPT16-110	204110	**10**	2.0 U	**4.3 J**	0.50 U	0.46 J	2.2	1.0 UJ	0.50 U
DPT17-80	204101	0.41 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT17-95	204102	**170**	0.31 J	**2.8 J**	4.7	0.50 U	0.50 U	2.0 U	0.50 U
DPT17-110	204103	0.87 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U
DPT18-80	204120	0.73 UJ	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U
DPT18-95	204122	**5.5**	2.0 U	**2.3**	0.93	0.50 U	0.79	1.0 U	0.50 U
DPT18-110	204123	**7.7**	2.0 U	**1.9**	0.50 U	0.50 U	1.2	1.0 U	0.50 U
DPT18-125	204125	0.17 UJ	2.0 U	**18**	0.50 U	3.2	1.7	1.0 U	1.7
Wells									
AMW-5A (30')	1116032	0.50 U	0.50 U	0.50 U	0.50 U	NA	0.50 U	0.50 U	0.50 U
AMW-17 (85')	1116020	**29**	0.27 J	0.89	1.3	NA	0.50 U	0.50 U	0.50 U
AMW-18 (100')	1116021	**75**	0.31 J	0.18 J	0.71	NA	0.50 U	0.50 U	0.50 U
MW-15E (100')	1116024	**5.5**	0.26 J	0.50 U	0.08 J	NA	0.50 U	0.14 J	0.50 U
MW-38 (80')	1116023	**11**	1.0	0.23 J	0.21 J	NA	0.19 J	0.19 J	0.50 U
PZ-39 (90')	1116022	**56**	1.7	**3.6**	1.4	NA	1.1	6.1	0.50 U

NOTES:

Only detected compounds are included in this table.

Bold results exceed the cleanup level.

The concentrations listed are the maximum of the normal and duplicate samples, as applicable.

1,1-DCA = 1,1-Dichloroethane.

1,1-DCE = 1,1-Dichloroethene.

1,1,1-TCA = 1,1,1-Trichloroethane.

CFC-11 = Trichlorofluoromethane.

Cis-1,2-DCE = Cis-1,2-Dichloroethene

ft = Feet.

J = The identification of the analyte is acceptable; the reported value is an estimate.

NA = Not available.

PCE = Tetrachloroethene.

TCE = Trichloroethene.

U = The compound was not detected at or above the reported value.

UJ = The analyte was not detected at or above the reported value; the reported value is an estimate.

ug/L = Micrograms per liter.

VC = Vinyl chloride.

Groundwater samples from Geoprobe borings were analyzed by the US EPA Region 10 Laboratory; samples from wells were analyzed by Columbia Analytical Services, Inc. Laboratory in Kelso, Washington.

Table 4. Northern Plume Investigation, May 2011
QA/QC Results for DPT Sampling (in ug/L)

Sample Location	Sample ID	TCE	PCE	1,1-DCE	1,1,1-TCA	1,1-DCA	cis-1,2-DCE	CFC-11	VC	CS2
Trip Blanks										
Trip blank #1	194110	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
Trip blank #2	194118	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
Trip blank #3	204100	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
Rinsate Blanks										
Rinsate #1	194107	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
Rinsate #2	194116	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
Rinsate #3	194126	0.23 J	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
Rinsate #4	194130	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
Rinsate #5	194135	0.35 J	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
Rinsate #6	204106	0.50 U	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U
Rinsate #7	204111	0.15 J	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 UJ	0.50 U	0.50 U
Rinsate #8	204121	0.50 U	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U
Rinsate #9	204126	0.50 U	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 U	0.50 U	4.9
DI blank *	194106	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
Duplicate Samples										
DPT5-30	194111	0.83 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
DPT5-30 dup	194112	1.1 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
DPT9-80	194119	**82**	1.0 U	0.50 U	0.55	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
DPT9-80 dup	194120	**71**	1.0 U	0.50 U	0.56	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
DPT11-80	194124	**6.0 J**	0.56 J	0.62	1.90	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
DPT11-80 dup	194125	**5.7 J**	0.60 J	0.60	1.90	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
DPT14-110	194133	0.31 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
DPT14-110 dup	194134	0.46 UJ	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U
DPT18-110	204123	**7.7**	2.0 U	**1.9**	0.50 U	0.50 U	1.2	1.0 U	0.50 U	0.50 U
DPT18-110 dup	204124	**7.7**	2.0 U	**1.8**	0.50 U	0.50 U	1.2	1.0 U	0.50 U	0.50 U

NOTES:

Only detected compounds are included in this table.

Bold results exceed the cleanup level.

* DI blank also contained: ethylbenzene @ 0.19 J, MP xylenes @ 0.47 J, and O xylenes @ 0.27 J.

Trip blank #1, the DI blank, and all rinsate blanks were reported to contain 2-propanone and toluene.

1,1-DCA = 1,1-Dichloroethane.

1,1-DCE = 1,1-Dichloroethene.

1,1,1-TCA = 1,1,1=Trichloroethane.

CFC-11 = Trichlorofluoromethane.

Cis-1,2-DCE = cis-1,2-Dichloroethene.

CS2 = Carbon disulfide.

ft = Feet.

J = The identification of the analyte is acceptable; the reported value is an estimate.

NA = Not available.

PCE = Tetrachloroethene.

TCE = Trichloroethene.

U = The compound was not detected at or above the reported value.

UJ = The analyte was not detected at or above the reported value; the reported value is an estimate.

ug/L = Micrograms per liter.

VC = Vinyl chloride.

Appendix A

Sample Alteration Form

Sample Alteration Form

Project Name and Number: Northern Plume SI – Project Code: TEC-995A

Material to be sampled: Groundwater at two different depths (30 & 40 feet below ground surface)

Measurement Parameter: Volatile Organic Compounds (VOCs)

Standard Procedure for Field Collection & Laboratory Analysis (cite reference):

No change in sampling method, the method can be found in Section 2.2 of the QAPP dated April 14, 2011. As mentioned in the QAPP the groundwater samples will be collected using a direct push technology (DPT) GeoProbe™ rig using a SP-15 type groundwater sampler. The sampler was pushed to a depth of 30 and 40 feet below ground surface then the tool string was pulled back to exposed the well screen. The groundwater sample was collected by using polyethylene tubing and a bottom check valve. Groundwater will be pumped into the tubing by oscillating the tubing up and down. The tubing will then be withdrawn from the borehole once the tubing is full and the VOC sample will be collected by draining from the base of the tubing.

The laboratory analysis for the VOCs is EPA Method 8260B.

Reason for Change in Field Procedure or Analysis Variation: Authorization was given by Clark County to sample on NE 53rd Ave. but it was determined that portions of the road was privately owned and not on Clark County property. The location for DPT2 was on this street and a decision was made on May 9th not to collect the groundwater samples. An alternative sample location was found and sampled. This new sample location was identified as DPT2R where two groundwater samples were collected on May 19th at 30 and 40 feet below ground surface, using the same sampling procedure and analytical method. Another alternation from the April 14th QAPP was not sampling location DPT3.

Variation from Field Procedure or Analytical Procedure: No variations took place for this new location, DPT2R.

Special Equipment or Personnel Required: None

Initiators Name: Bernie Zavala, EPA B. Zavala **Date:** July 5, 2011

Cathy Bohlke, EA Engineering

Project Manager: Claire Hong, EPA Claire Hong **Date:** July 5, 2011 7/13/11

Project QA Manager: Ginna Grepo-Grove, EPA Ginna Grepo-Grove 7/11/11 **Date:** July 5, 2011

Appendix B

Laboratory Results for DPT Samples

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 LABORATORY
7411 Beach Dr. East
Port Orchard, Washington 98366

MEMORANDUM

SUBJECT: Data Release for Volatiles Analysis Results from the USEPA Region 10 Laboratory

PROJECT NAME: Northern Plume SI
PROJECT CODE: TEC-995A

FROM: Gerald Dodo, Supervisory Chemist
Office of Environmental Assessment, USEPA Region 10 Laboratory

TO: Claire Hong, RPM
Office of Environmental Cleanup, USEPA Region 10

Bernie Zavala, Hydrogeologist
Office of Environmental Assessment, USEPA Region 10

I have authorized release of this data package. Attached you will find the volatiles results for the Northern Plume SI project for the samples collected 5/09/11 to 5/19/11. This is the last of the data associated with this project. For further information regarding the attached data, contact Chris Pace at 360-871-8703.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 LABORATORY
7411 Beach Dr. East
Port Orchard, Washington 98366

QUALITY ASSURANCE MEMORANDUM FOR ORGANIC CHEMICAL ANALYSES

DATE: July 28, 2011

TO: Claire Hong, RPM
Office of Environmental Cleanup, USEPA Region 10

Bernie Zavala, Hydrogeologist
Office of Environmental Assessment, USEPA Region 10

From: Chris Pace, Chemist
Office of Environmental Assessment, USEPA Region 10 Laboratory

SUBJECT: Quality Assurance Review for the Volatiles Analysis of Samples from the Northern Plume Site Investigation

Project Code: TEC-995A
Account Code: 2011T10P302DD2C10ZZLA00

The following is a quality assurance review of the data for volatiles analysis of 66 water samples from the above referenced site. The analyses were performed at the USEPA Region 10 Laboratory using modified EPA SW846 method 8260B.

This review was conducted for the following samples:

11194100	11194101	11194102	11194103	11194104	11194105
11194106	11194107	11194108	11194109	11194110	11194111
11194112	11194113	11194114	11194115	11194116	11194117
11194118	11194119	11194120	11194121	11194122	11194123
11194124	11194125	11194126	11194127	11194128	11194129
11194130	11194131	11194132	11194133	11194134	11194135
11194136	11204100	11204101	11204102	11204103	11204104
11204105	11204106	11204107	11204108	11204109	11204110
11204111	11204112	11204113	11204114	11204115	11204116
11204117	11204118	11204119	11204120	11204121	11204122
11204123	11204124	11204125	11204126	11204127	11204128

1. Data Qualifications

Comments below refer to the quality control specifications outlined in the Laboratory's current Quality Assurance Manual, Standard Operating Procedures (SOPs) and the Quality Assurance Project Plan (QAPP). No excursions were required from the method Standard Operating Procedure.

The quality control measures which did not meet Laboratory/QAPP criteria are annotated in the title of each affected subsection with "*Laboratory/QAPP Criteria Not Met*".

For those tests for which the EPA Region 10 Laboratory has been accredited by the National Environmental Laboratory Accreditation Conference (NELAC), all requirements of the current NELAC Standard have been met.

2. Sample Transport and Receipt

Upon sample receipt, no conditions were noted that would impact data quality.

3. Sample Holding Times

The concentration of an analyte in a sample or extract of a sample may increase or decrease over time depending on the nature of the analyte. The samples were analyzed within the 14 day holding time for preserved water samples.

4. Sample Preparation

Samples were prepared according to the method.

5. GC/MS Tuning

The tuning summary agreed with the raw data. All p-bromofluorobenze ion abundance ratios met criteria. Sample analyses were preceded by a tune less than 12 hours prior to analysis.

6. Initial Calibration - *Laboratory/QAPP Criteria Not Met*

Initial calibrations were performed on 5/17/11 and 5/23/11 for the target and surrogate compounds. Percent relative standard deviations (%RSDs) of the relative response factors (RRFs) met the criteria of ≤15% or correlation coefficients met the criteria of ≥0.99 except for the following.

Chloroethane, cyclohexane and methylcyclohexane resulted with RRF %RSDs >15%. All associated sample results were non-detects and qualified as estimated, "UJ". **Associated samples:** 11194118, 11204100, 11204104, 11204105, 11204106, 11204107, 11204108, 11204109, 11204110, 11204111, 11204112, 11204113, 11204114, 11204115, 11204116, 11204117, 11204118, 11204119, 11204120, 11204121, 11204122, 11204123, 11204124, 11204125, 11204126, 11204127 and 11204128.

7. Continuing Calibration Verification (CCV) - *Laboratory/QAPP Criteria Not Met*

The CCV met the criteria for frequency of analysis and relative retention time (RRT) windows for all target and surrogate compounds. The RRFs were ≥0.05 and the percent accuracies were 80-120% of the true values except for the following (only those that required data qualification are listed).

Date	Compound	%D	Qualifier detect/non-detect	Associated Samples
5/18/11 0957	2-hexanone	-27	J/UJ	11194111, 11194112, 11194113, 11194113, 11194114, 11194115, 11194116, 11194117, 11194119, 11194120, 11194121, 11194122, 11194123
5/19/11 1615	acetone trichloroethene tetrachloroethene	24 29 24	J/none J/none J/none	11194124, 11194125, 11194126, 11194127 11194128, 11194129, 11194130, 11194131, 11194132, 11194133, 11194134, 11194135, 11194136, 11194101, 11194102, 11194103
5/23/11 2328	Freon 11 1,1-dichloroethene 2-hexanone	-27 23 -38	J/UJ J/none J/UJ	11204104, 11204105, 11204106, 11204107, 11204108, 11204109, 11204110, 11204111, 11204112, 11204113, 11204114, 11204115, 11204116

8. LCS - *Laboratory/QAPP Criteria Not Met*

Laboratory Control Samples (LCS) are generated to provide information on the accuracy and precision of the analytical method and the laboratory performance. The LCS recoveries were within the criteria of 70-130% except for the following (only those that required data qualification are listed).

LCS1137A5 resulted with <70% recovery for 2-hexanone. All associated results were non-detects and qualified as estimates, "UJ". **Associated samples:** 11194100, 11194101, 11194102, 11194103, 11194104, 11194105, 11194106, 11194107, 11194108, 11194109 and 11194110.

LCS1138A1 and LCS1138A2 resulted with <70% recovery for 2-hexanone. Associated results were qualified based on the CCV. No additional qualifiers were required.

LCS1139A1 and LCS1139A2 resulted with >130% recovery for acetone, trichloroethene and tetrachloroethene. Associated results were qualified based on the CCV. No additional qualifiers were required.

LCS1143A1 and LCS1143A2 resulted with <70% recovery for 2-hexanone. Associated results were qualified based on the CCV. No additional qualifiers were required.

9. Blank Analysis

Method blanks were analyzed with each sample batch to evaluate the potential for laboratory contamination and effects on the sample results. Target analytes detected in samples were reported without qualification if the results were five times that of the blank(s). Detected sample results were qualified 'U' if the results were below these criteria. The sample concentration or the sample quantification limit, whichever is greater, was reported as the qualified result.

10. Surrogate Spikes - *Laboratory/QAPP Criteria Not Met*

Surrogate recoveries are used to help in the evaluation of laboratory performance on individual samples. The surrogate recoveries in samples met the CLP SOM01.2 criteria for the 13 spiked surrogate analytes except for the following.

Surrogate Analyte	**% Recovery Criteria for Water**
vinyl chloride-d3	65 - 131
chloroethane-d5	71 - 131
1,1-dichloroethene-d2	55 - 104
2-butanone-d5	49 - 155
chloroform-d	78 - 121
1,2-dichloroethane-d4	78 - 129
benzene-d6	77 - 124
1,2-dichloropropane-d6	79 - 124
toluene-d8	77 - 121
trans-1,3-dichloropropene-d4	73 - 121
2-hexanone-d5	28 - 135
1,1,2,2-tetrachloroethane-d2	73 - 125
1,2-dichlorobenzene-d4	80 - 131

Vinyl chloride-d3, chloroethane-d5 and 1,1-dichloroethene-d2 resulted with unstable recoveries due to loss of these more volatile surrogate analytes during addition from the auto sampler. The unstable recoveries are not indicative of target analyte recovery from the samples. None of the data required qualification on this basis.

11. Matrix Spike/Matrix Spike Duplicate Analysis (MS/MSD) - *Laboratory/QAPP Criteria Not Met*

MS/MSD analyses are performed to provide information on the effects of sample matrices toward the analytical method. An MS/MSD analysis was performed using samples 11194113, 11194121 and 11204120. The recoveries met the criteria of 70-130% with a RPD of <30 except for the following.

MS/MSD analysis of 11194113 resulted with >130% recovery for acetone. The detected result in the native sample was qualified as estimated, “J”.

MS/MSD analysis of 11194121 resulted with >130% recovery for acetone. The detected result in the native sample was qualified as estimated, “J”.

12. Internal Standard Performance

Internal standards performance criteria ensure that GC/MS sensitivity and response are stable during every analytical run. The retention time variations of all internal standards were within 30 seconds of the continuing calibration standard. The percent areas of all the internal standards were within the specified 50% to 200% of the continuing calibration standard for all reported results.

13. Compound Quantitation

The initial calibration functions were used for calculations. Reported quantitation limits were based on the initial calibration standards and sample size used for the analysis.

All manual integrations have been reviewed and found to comply with acceptable integration practices.

14. Identification

All of the compounds detected in the analyses were within the RRT windows, met the USEPA spectral matching criteria and/or were judged to be acceptable.

15. Data Qualifiers

All requirements for data qualifiers from the preceding sections were accumulated. Each sample data summary sheet and each compound was checked for positive or negative results. From this, the overall need for data qualifiers for each analysis was determined. In cases where more than one of the preceding sections required data qualifiers, the most restrictive qualifier has been added to the data.

The usefulness of qualified data should be treated according to the severity of the qualifier in light of the project's data quality objectives. Should questions arise regarding the data, contact Chris Pace at the Region 10 Laboratory, phone number (360) 871 - 8703.

Qualifier	Definition
U	The analyte was not detected at or above the reported value.
J	The identification of the analyte is acceptable; the reported value is an estimate.
UJ	The analyte was not detected at or above the reported value. The reported value is an estimate.
R	The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable. No value is reported with this qualification.
NA	Not Applicable, the parameter was not analyzed for, or there is no analytical result for this parameter. No value is reported with this qualification.

Sample Tracking Sheet – Northern Plume May 9 – 19, 2011

Date	Time	EPA's Laboratory Sample number	Field Station Number	QA Sample	WA-State Plane coordinates-Easting	WA-State Plane coordinates-Northing
5/09/2011	1130	11194100	DPT1-30		1099072.450	132899.080
	1145	11194101	DPT1-40			
	1350	11194102	DPT4-30		1098847.562	133371.440
	1420	11194103	DPT4-40			
	1510	11194104	DPT7-30		1098598.326	133472.467
	1530	11194105	DPT7-40			
	1615	11194106		DI Blank		
	1625	11194107		Rinsate Blank		
	1645	11194108	DPT6-30		1098586.583	133317.220
	1655	11194109	DPT6-40			
		11194110		Trip Blank		
5/10/2011	0915	11194111	DPT5-30		1098597.399	133106.001
	0925	11194112	DPT5-30	Duplicate		
	0945	11194113	DPT5-40	MS/MSD		
	1115	11194114	DPT10-65		1097760.772	133494.329
	1320	11194115	DPT10-80			
	1330	11194116		Rinsate Blank		
	1515	11194117	DPT9-65		1097725.800	133377.869
5/11/2011	0900	11194118		Trip Blank #2		
	0900	11194119	DPT9-80			
	0915	11194120	DPT9-80	Duplicate		
	0940	11194121	DPT9-95	MS/MSD		
	1205	11194122	DPT8-65		1097390.490	133202.471
	1330	11194123	DPT8-80			
	1540	11194124	DPT11-80		1096889.693	133228.836
	1550	11194125	DPT11-80	Duplicate		
	1625	11194126		Rinsate #3		
5/12/2011	1050	11194127	DPT11-95			
	1145	11194128	DPT11-110			
	1320	11194129	DPT11-125			
	1500	11194130		Rinsate #4		
	1615	11194131	DPT14-80		1097044.878	133690.443
5/13/2011	0930	11194132	DPT14-95			
	1050	11194133	DPT14-110			
	1058	11194134	DPT14-110	Duplicate		
	1140	11194135		Rinsate #5		
5/13/2011	1225	11194136	DPT14-125			
5/16/2011		11204100		Trip blank #3		
	1002	11204101	DPT17-80		1096435.867	133676.637
	1045	11204102	DPT17-95			
	1130	11204103	DPT17-110			
	1440	11204104	DPT15-80		1096528.001	133379.148
	1530	11204105	DPT15-95			

Date	Time	EPA's Laboratory Sample number	Field Station Number	QA Sample		
	1520	11204106		Rinsate #6		
	1616	11204107	DPT15-110			
5/17/2011	0900	11204108	DPT16-80		1096357.525	133473.212
	0950	11204109	DPT16-95			
	1040	11204110	DPT16-110			
	1310	11204111		Rinsate #7		
	1405	11204112	DPT12-80		1096764.062	133361.624
	1455	11204113	DPT12-95			
	1545	11204114	DPT12-110			
	1650	11204115	DPT12-125			
5/18/2011	1000	11204116	DPT13-80		1096757.799	133509.564
	1100	11204117	DPT13-95			
	1145	11204118	DPT13-110			
	1340	11204119	DPT13-125			
	1640	11204120	DPT18-80	MS/MSD	1096286.045	133529.733
	1727	11204121		Rinsate #8		
5/19/2011	0900	11204122	DPT18-95			
	0950	11204123	DPT18-110			
	1000	11204124	DPT18-110	Duplicate		
	1100	11204125	DPT18-125			
	1410	11204126		Rinsate #9		
	1445	11204127	DPT2R-30		1099027.913	133235.200
	1540	11204128	DPT2R-40			

US EPA Region 10 Laboratory

Multi-Analyte Final Report

TEC-995A NORTHERN PLUME

Project Code : TEC-995A

Contact : Claire Hong

Lab Name : Region 10 Lab

Account : 2011T10P302DD2C10ZZLA00

Sample Information

11194100

Description : DP-1 (30-34') DPT 1-30

Sampling Date/Time : 5/9/2011 11:30:00AM

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package : PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/17/2011 9:21:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051711

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.4**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.45**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**98**	%Rec	
22280735	1,1-Dichloroethylene-d2	**58**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**97**	%Rec	
93952080	1,2-dichloropropane-d6	**91**	%Rec	
202656233	1,3-Dichloropropene-d14	**91**	%Rec	
24313506	2-Butanone-D5	**101**	%Rec	
4840828	2-Hexanone-D5	**99**	%Rec	
1076433	Benzene-D6	**90**	%Rec	
19199918	Chloroethane-D5	**55**	%Rec	
865496	Chloroform-D1	**98**	%Rec	
2037265	Toluene-d8	**96**	%Rec	
6745353	Vinyl chloride-D3	**32**	%Rec	

Sample Information

11194101

Description : DP-1 (40-44') DPT 1-40

Sampling Date/Time : 5/9/2011 11:45:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/17/2011 9:56:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051711

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**4.1**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	1.4	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.42**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**103**	%Rec	
22280735	1,1-Dichloroethylene-d2	**56**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**98**	%Rec	
17060070	1,2-Dichloroethane-d4	**99**	%Rec	
93952080	1,2-dichloropropane-d6	**92**	%Rec	
202656233	1,3-Dichloropropene-d14	**91**	%Rec	
24313506	2-Butanone-D5	**105**	%Rec	
4840828	2-Hexanone-D5	**103**	%Rec	
1076433	Benzene-D6	**89**	%Rec	
19199918	Chloroethane-D5	**54**	%Rec	
865496	Chloroform-D1	**100**	%Rec	
2037265	Toluene-d8	**96**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**29**	%Rec	

Sample Information

11194102

Description : DPT 4-30

Sampling Date/Time : 5/9/2011 1:50:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/17/2011 10:30:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051711

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.8**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.46**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**104**	%Rec	
22280735	1,1-Dichloroethylene-d2	**56**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**100**	%Rec	
93952080	1,2-dichloropropane-d6	**95**	%Rec	
202656233	1,3-Dichloropropene-d14	**95**	%Rec	
24313506	2-Butanone-D5	**105**	%Rec	
4840828	2-Hexanone-D5	**109**	%Rec	
1076433	Benzene-D6	**91**	%Rec	
19199918	Chloroethane-D5	**53**	%Rec	
865496	Chloroform-D1	**99**	%Rec	
2037265	Toluene-d8	**96**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**26**	%Rec	

Sample Information

11194103

Description : DPT 4-40

Sampling Date/Time : 5/9/2011 2:20:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/17/2011 11:04:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051711

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.94**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.43**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**98**	%Rec	
22280735	1,1-Dichloroethylene-d2	**52**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**98**	%Rec	
93952080	1,2-dichloropropane-d6	**91**	%Rec	
202656233	1,3-Dichloropropene-d14	**90**	%Rec	
24313506	2-Butanone-D5	**101**	%Rec	
4840828	2-Hexanone-D5	**93**	%Rec	
1076433	Benzene-D6	**88**	%Rec	
19199918	Chloroethane-D5	**47**	%Rec	
865496	Chloroform-D1	**97**	%Rec	
2037265	Toluene-d8	**96**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**24**	%Rec	

Sample Information

11194104

Description : DPT 7-30

Sampling Date/Time : 5/9/2011 3:10:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/17/2011 11:38:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051711

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.80**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**100**	%Rec	
22280735	1,1-Dichloroethylene-d2	**50**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**100**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**93**	%Rec	
24313506	2-Butanone-D5	**106**	%Rec	
4840828	2-Hexanone-D5	**101**	%Rec	
1076433	Benzene-D6	**90**	%Rec	
19199918	Chloroethane-D5	**45**	%Rec	
865496	Chloroform-D1	**97**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**21**	%Rec	

Sample Information

11194105

Description : DPT 7-40

Sampling Date/Time : 5/9/2011 3:30:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 12:12:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	**3.8**	ug/L	
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**14.0**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.49**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**103**	%Rec	
22280735	1,1-Dichloroethylene-d2	**49**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**101**	%Rec	
93952080	1,2-dichloropropane-d6	**94**	%Rec	
202656233	1,3-Dichloropropene-d14	**88**	%Rec	
24313506	2-Butanone-D5	**101**	%Rec	
4840828	2-Hexanone-D5	**104**	%Rec	
1076433	Benzene-D6	**88**	%Rec	
19199918	Chloroethane-D5	**43**	%Rec	
865496	Chloroform-D1	**98**	%Rec	
2037265	Toluene-d8	**95**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**19**	%Rec	

Sample Information

11194106

Description : DI Blank

Sampling Date/Time : 5/9/2011 4:15:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/18/2011 12:46:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.8**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	**0.76**	ug/L	
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	**0.19**	ug/L	J
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	**0.47**	ug/L	J
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	**0.27**	ug/L	J
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.81**	ug/L	
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**102**	%Rec	
22280735	1,1-Dichloroethylene-d2	**46**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**103**	%Rec	
93952080	1,2-dichloropropane-d6	**94**	%Rec	
202656233	1,3-Dichloropropene-d14	**91**	%Rec	
24313506	2-Butanone-D5	**108**	%Rec	
4840828	2-Hexanone-D5	**107**	%Rec	
1076433	Benzene-D6	**87**	%Rec	
19199918	Chloroethane-D5	**42**	%Rec	
865496	Chloroform-D1	**101**	%Rec	
2037265	Toluene-d8	**95**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**17**	%Rec	

Sample Information

11194107

Description : RINSATE BLANK

Sampling Date/Time : 5/9/2011 4:25:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/18/2011 1:20:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	1.8	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.1**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.70**	ug/L	
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**104**	%Rec	
22280735	1,1-Dichloroethylene-d2	**44**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**105**	%Rec	
93952080	1,2-dichloropropane-d6	**97**	%Rec	
202656233	1,3-Dichloropropene-d14	**93**	%Rec	
24313506	2-Butanone-D5	**109**	%Rec	
4840828	2-Hexanone-D5	**113**	%Rec	
1076433	Benzene-D6	**87**	%Rec	
19199918	Chloroethane-D5	**39**	%Rec	
865496	Chloroform-D1	**101**	%Rec	
2037265	Toluene-d8	**96**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**16**	%Rec	

Sample Information

11194108

Description : DPT 6-30

Sampling Date/Time : 5/9/2011 4:45:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 1:54:00AM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.3**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**6.9**	ug/L	
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.41**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**107**	%Rec	
22280735	1,1-Dichloroethylene-d2	**45**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**102**	%Rec	
93952080	1,2-dichloropropane-d6	**93**	%Rec	
202656233	1,3-Dichloropropene-d14	**90**	%Rec	
24313506	2-Butanone-D5	**110**	%Rec	
4840828	2-Hexanone-D5	**120**	%Rec	
1076433	Benzene-D6	**86**	%Rec	
19199918	Chloroethane-D5	**36**	%Rec	
865496	Chloroform-D1	**98**	%Rec	
2037265	Toluene-d8	**95**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**15**	%Rec	

Sample Information

11194109

Description : DPT 6-40

Sampling Date/Time : 5/9/2011 4:55:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 2:28:00AM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	1.1	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**3.0**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.38**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.48**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**103**	%Rec	
22280735	1,1-Dichloroethylene-d2	**41**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**103**	%Rec	
17060070	1,2-Dichloroethane-d4	**103**	%Rec	
93952080	1,2-dichloropropane-d6	**90**	%Rec	
202656233	1,3-Dichloropropene-d14	**88**	%Rec	
24313506	2-Butanone-D5	**100**	%Rec	
4840828	2-Hexanone-D5	**109**	%Rec	
1076433	Benzene-D6	**83**	%Rec	
19199918	Chloroethane-D5	**34**	%Rec	
865496	Chloroform-D1	**98**	%Rec	
2037265	Toluene-d8	**93**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**12**	%Rec	

Sample Information

11194110

Description : Trip Blank

Sampling Date/Time : 5/9/2011 12:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/17/2011 8:47:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051711

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.87	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.2**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.99**	ug/L	
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**104**	%Rec	
22280735	1,1-Dichloroethylene-d2	**63**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**98**	%Rec	
17060070	1,2-Dichloroethane-d4	**104**	%Rec	
93952080	1,2-dichloropropane-d6	**100**	%Rec	
202656233	1,3-Dichloropropene-d14	**95**	%Rec	
24313506	2-Butanone-D5	**105**	%Rec	
4840828	2-Hexanone-D5	**111**	%Rec	
1076433	Benzene-D6	**95**	%Rec	
19199918	Chloroethane-D5	**64**	%Rec	
865496	Chloroform-D1	**104**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**37**	%Rec	

Sample Information

11194111

Description : DPT 5-30

Sampling Date/Time : 5/10/2011 9:15:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/18/2011 11:39:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.6**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.83**	ug/L	
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**102**	%Rec	
22280735	1,1-Dichloroethylene-d2	**84**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**101**	%Rec	
93952080	1,2-dichloropropane-d6	**95**	%Rec	
202656233	1,3-Dichloropropene-d14	**95**	%Rec	
24313506	2-Butanone-D5	**101**	%Rec	
4840828	2-Hexanone-D5	**103**	%Rec	
1076433	Benzene-D6	**96**	%Rec	
19199918	Chloroethane-D5	**101**	%Rec	
865496	Chloroform-D1	**99**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**83**	%Rec	

Sample Information

11194112

Description : DPT 5-30 (duplicate)

Sampling Date/Time : 5/10/2011 9:25:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/18/2011 12:13:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.4**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**1.1**	ug/L	
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.45**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**109**	%Rec	
22280735	1,1-Dichloroethylene-d2	**85**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**104**	%Rec	
17060070	1,2-Dichloroethane-d4	**107**	%Rec	
93952080	1,2-dichloropropane-d6	**98**	%Rec	
202656233	1,3-Dichloropropene-d14	**97**	%Rec	
24313506	2-Butanone-D5	**116**	%Rec	
4840828	2-Hexanone-D5	**116**	%Rec	
1076433	Benzene-D6	**99**	%Rec	
19199918	Chloroethane-D5	**102**	%Rec	
865496	Chloroform-D1	**102**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**81**	%Rec	

Sample Information

11194113

Description : DPT 5-40 MS/MSD

Sampling Date/Time : 5/10/2011 9:45:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 12:47:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	.050	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.6**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.34**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.45**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**103**	%Rec	
22280735	1,1-Dichloroethylene-d2	**77**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**101**	%Rec	
93952080	1,2-dichloropropane-d6	**94**	%Rec	
202656233	1,3-Dichloropropene-d14	**89**	%Rec	
24313506	2-Butanone-D5	**95**	%Rec	
4840828	2-Hexanone-D5	**93**	%Rec	
1076433	Benzene-D6	**96**	%Rec	
19199918	Chloroethane-D5	**90**	%Rec	
865496	Chloroform-D1	**98**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**68**	%Rec	

Sample Information

11194114

Description : DPT 10-65

Sampling Date/Time : 5/10/2011 11:15:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/18/2011 1:21:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.1**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**9.1**	ug/L	
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.40**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**100**	%Rec	
22280735	1,1-Dichloroethylene-d2	**75**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**101**	%Rec	
93952080	1,2-dichloropropane-d6	**95**	%Rec	
202656233	1,3-Dichloropropene-d14	**89**	%Rec	
24313506	2-Butanone-D5	**94**	%Rec	
4840828	2-Hexanone-D5	**100**	%Rec	
1076433	Benzene-D6	**95**	%Rec	
19199918	Chloroethane-D5	**84**	%Rec	
865496	Chloroform-D1	**95**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**63**	%Rec	

Sample Information

11194115

Description : DPT 10-80

Sampling Date/Time : 5/10/2011 1:20:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 1:55:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.0**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**5.2**	ug/L	
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.47**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**102**	%Rec	
22280735	1,1-Dichloroethylene-d2	**75**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**103**	%Rec	
17060070	1,2-Dichloroethane-d4	**105**	%Rec	
93952080	1,2-dichloropropane-d6	**99**	%Rec	
202656233	1,3-Dichloropropene-d14	**89**	%Rec	
24313506	2-Butanone-D5	**96**	%Rec	
4840828	2-Hexanone-D5	**106**	%Rec	
1076433	Benzene-D6	**98**	%Rec	
19199918	Chloroethane-D5	**82**	%Rec	
865496	Chloroform-D1	**95**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**61**	%Rec	

Sample Information

11194116

Description : Rinsate #2

Sampling Date/Time : 5/10/2011 1:30:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 2:29:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.0**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.72**	ug/L	
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**107**	%Rec	
22280735	1,1-Dichloroethylene-d2	**74**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**103**	%Rec	
93952080	1,2-dichloropropane-d6	**95**	%Rec	
202656233	1,3-Dichloropropene-d14	**90**	%Rec	
24313506	2-Butanone-D5	**96**	%Rec	
4840828	2-Hexanone-D5	**112**	%Rec	
1076433	Benzene-D6	**97**	%Rec	
19199918	Chloroethane-D5	**79**	%Rec	
865496	Chloroform-D1	**91**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**55**	%Rec	

Sample Information

11194117

Description : DPT 9-65

Sampling Date/Time : 5/10/2011 3:15:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/18/2011 3:03:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**5.9**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**1.3**	ug/L	
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.64**	ug/L	
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**103**	%Rec	
22280735	1,1-Dichloroethylene-d2	**69**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**101**	%Rec	
93952080	1,2-dichloropropane-d6	**91**	%Rec	
202656233	1,3-Dichloropropene-d14	**88**	%Rec	
24313506	2-Butanone-D5	**92**	%Rec	
4840828	2-Hexanone-D5	**102**	%Rec	
1076433	Benzene-D6	**94**	%Rec	
19199918	Chloroethane-D5	**73**	%Rec	
865496	Chloroform-D1	**90**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**48**	%Rec	

Sample Information

11194118

Description : TRIP BLANK 2

Sampling Date/Time : 5/11/2011 12:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 10:07:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	0.50	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	1.0	ug/L	U
96128	1,2-Dibromo-3-chloropropane	5.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.050	ug/L	U
78933	2-Butanone	1.70	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	1.0	ug/L	U
67641	2-Propanone	1.0	ug/L	U
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	1.0	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	0.50	ug/L	UJ
124481	Dibromochloromethane	1.0	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	0.50	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	0.50	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	0.50	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	1.0	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	1.0	ug/L	U
95476	o-Xylene	2.0	ug/L	U
127184	Tetrachloroethene	0.50	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**93**	%Rec	
22280735	1,1-Dichloroethylene-d2	**74**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**117**	%Rec	
93952080	1,2-dichloropropane-d6	**100**	%Rec	
202656233	1,3-Dichloropropene-d14	**81**	%Rec	
24313506	2-Butanone-D5	**107**	%Rec	
4840828	2-Hexanone-D5	**102**	%Rec	
1076433	Benzene-D6	**98**	%Rec	
19199918	Chloroethane-D5	**77**	%Rec	
865496	Chloroform-D1	**106**	%Rec	
2037265	Toluene-d8	**97**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**50**	%Rec	

Sample Information

11194119

Description : DPT 9-80

Sampling Date/Time : 5/11/2011 9:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/18/2011 3:37:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**0.55**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.41**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.43**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**99**	%Rec	
22280735	1,1-Dichloroethylene-d2	**65**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**104**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**86**	%Rec	
24313506	2-Butanone-D5	**94**	%Rec	
4840828	2-Hexanone-D5	**102**	%Rec	
1076433	Benzene-D6	**98**	%Rec	
19199918	Chloroethane-D5	**70**	%Rec	
865496	Chloroform-D1	**89**	%Rec	
2037265	Toluene-d8	**99**	%Rec	
6745353	Vinyl chloride-D3	**46**	%Rec	

Sample Information

11194119

Analysis Suffix: D1

Description : DPT 9-80

Sampling Date/Time : 5/11/2011 9:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/23/2011 5:12:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052311

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
79016	Ethene, trichloro-	**82.0**	ug/L	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**102**	%Rec	
22280735	1,1-Dichloroethylene-d2	**76**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**100**	%Rec	
93952080	1,2-dichloropropane-d6	**95**	%Rec	
202656233	1,3-Dichloropropene-d14	**90**	%Rec	
24313506	2-Butanone-D5	**107**	%Rec	
4840828	2-Hexanone-D5	**114**	%Rec	
1076433	Benzene-D6	**94**	%Rec	
19199918	Chloroethane-D5	**76**	%Rec	
865496	Chloroform-D1	**100**	%Rec	
2037265	Toluene-d8	**97**	%Rec	
6745353	Vinyl chloride-D3	**58**	%Rec	

Sample Information

11194120

Description : DPT 9-80-D (duplicate)

Sampling Date/Time : 5/11/2011 9:15:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/18/2011 4:11:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**0.56**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.62**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.47**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**98**	%Rec	
22280735	1,1-Dichloroethylene-d2	**64**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**103**	%Rec	
93952080	1,2-dichloropropane-d6	**90**	%Rec	
202656233	1,3-Dichloropropene-d14	**79**	%Rec	
24313506	2-Butanone-D5	**87**	%Rec	
4840828	2-Hexanone-D5	**98**	%Rec	
1076433	Benzene-D6	**94**	%Rec	
19199918	Chloroethane-D5	**66**	%Rec	
865496	Chloroform-D1	**87**	%Rec	
2037265	Toluene-d8	**97**	%Rec	
6745353	Vinyl chloride-D3	**40**	%Rec	

Sample Information

11194120

Analysis Suffix: D1

Description : DPT 9-80-D (duplicate)

Sampling Date/Time : 5/11/2011 9:15:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/23/2011 5:46:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052311

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
79016	Ethene, trichloro-	**71.0**	ug/L	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**98**	%Rec	
22280735	1,1-Dichloroethylene-d2	**74**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**97**	%Rec	
17060070	1,2-Dichloroethane-d4	**96**	%Rec	
93952080	1,2-dichloropropane-d6	**95**	%Rec	
202656233	1,3-Dichloropropene-d14	**88**	%Rec	
24313506	2-Butanone-D5	**94**	%Rec	
4840828	2-Hexanone-D5	**99**	%Rec	
1076433	Benzene-D6	**95**	%Rec	
19199918	Chloroethane-D5	**73**	%Rec	
865496	Chloroform-D1	**98**	%Rec	
2037265	Toluene-d8	**97**	%Rec	
6745353	Vinyl chloride-D3	**52**	%Rec	

Sample Information

11194121

Description : DPT 9-95 MS/MSD

Sampling Date/Time : 5/11/2011 9:40:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/18/2011 4:45:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**4.2**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.61**	ug/L	
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.63**	ug/L	
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**102**	%Rec	
22280735	1,1-Dichloroethylene-d2	**63**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**107**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**83**	%Rec	
24313506	2-Butanone-D5	**95**	%Rec	
4840828	2-Hexanone-D5	**104**	%Rec	
1076433	Benzene-D6	**97**	%Rec	
19199918	Chloroethane-D5	**65**	%Rec	
865496	Chloroform-D1	**90**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**38**	%Rec	

Sample Information

11194122

Description : DPT 8-65

Sampling Date/Time : 5/11/2011 12:05:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 5:20:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.3**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.39**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.41**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**96**	%Rec	
22280735	1,1-Dichloroethylene-d2	**60**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**104**	%Rec	
93952080	1,2-dichloropropane-d6	**90**	%Rec	
202656233	1,3-Dichloropropene-d14	**82**	%Rec	
24313506	2-Butanone-D5	**91**	%Rec	
4840828	2-Hexanone-D5	**93**	%Rec	
1076433	Benzene-D6	**93**	%Rec	
19199918	Chloroethane-D5	**59**	%Rec	
865496	Chloroform-D1	**90**	%Rec	
2037265	Toluene-d8	**95**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**34**	%Rec	

Sample Information

11194123

Description : DPT 8-80

Sampling Date/Time : 5/11/2011 1:30:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 5:54:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.9**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.90**	ug/L	
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.45**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**99**	%Rec	
22280735	1,1-Dichloroethylene-d2	**58**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**111**	%Rec	
93952080	1,2-dichloropropane-d6	**97**	%Rec	
202656233	1,3-Dichloropropene-d14	**82**	%Rec	
24313506	2-Butanone-D5	**94**	%Rec	
4840828	2-Hexanone-D5	**106**	%Rec	
1076433	Benzene-D6	**97**	%Rec	
19199918	Chloroethane-D5	**59**	%Rec	
865496	Chloroform-D1	**91**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**32**	%Rec	

Sample Information

11194124

Description : DPT 11 - 80

Sampling Date/Time : 5/11/2011 3:40:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/19/2011 5:24:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**1.90**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	**0.62**	ug/L	
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**4.4**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**6.0**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	**0.56**	ug/L	J
108883	Toluene	**0.23**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**97**	%Rec	
22280735	1,1-Dichloroethylene-d2	**64**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**108**	%Rec	
93952080	1,2-dichloropropane-d6	**98**	%Rec	
202656233	1,3-Dichloropropene-d14	**79**	%Rec	
24313506	2-Butanone-D5	**87**	%Rec	
4840828	2-Hexanone-D5	**91**	%Rec	
1076433	Benzene-D6	**98**	%Rec	
19199918	Chloroethane-D5	**64**	%Rec	
865496	Chloroform-D1	**93**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**35**	%Rec	

Sample Information

11194125

Description : DPT 11 - 80

Sampling Date/Time : 5/11/2011 3:50:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/19/2011 5:58:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**1.9**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	**0.60**	ug/L	
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**4.3**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**5.7**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0	ug/L	U
127184	Tetrachloroethene	**0.6**	ug/L	J
108883	Toluene	**0.23**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**91**	%Rec	
22280735	1,1-Dichloroethylene-d2	**60**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**102**	%Rec	
93952080	1,2-dichloropropane-d6	**93**	%Rec	
202656233	1,3-Dichloropropene-d14	**80**	%Rec	
24313506	2-Butanone-D5	**82**	%Rec	
4840828	2-Hexanone-D5	**86**	%Rec	
1076433	Benzene-D6	**94**	%Rec	
19199918	Chloroethane-D5	**58**	%Rec	
865496	Chloroform-D1	**89**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**20**	%Rec	

Sample Information

11194126

Description : RINSATE # 3

Sampling Date/Time : 5/11/2011 4:25:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/19/2011 6:32:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.90**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	**0.73**	ug/L	
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.23**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.41**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**92**	%Rec	
22280735	1,1-Dichloroethylene-d2	**57**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**101**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**80**	%Rec	
24313506	2-Butanone-D5	**80**	%Rec	
4840828	2-Hexanone-D5	**86**	%Rec	
1076433	Benzene-D6	**98**	%Rec	
19199918	Chloroethane-D5	**54**	%Rec	
865496	Chloroform-D1	**90**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**27**	%Rec	

Sample Information

11194127

Description : DPT 11-95

Sampling Date/Time : 5/12/2011 10:50:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/19/2011 7:06:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.5**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**2.4**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	**0.37**	ug/L	J
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**97**	%Rec	
22280735	1,1-Dichloroethylene-d2	**54**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**107**	%Rec	
93952080	1,2-dichloropropane-d6	**98**	%Rec	
202656233	1,3-Dichloropropene-d14	**82**	%Rec	
24313506	2-Butanone-D5	**93**	%Rec	
4840828	2-Hexanone-D5	**100**	%Rec	
1076433	Benzene-D6	**97**	%Rec	
19199918	Chloroethane-D5	**52**	%Rec	
865496	Chloroform-D1	**90**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**26**	%Rec	

Sample Information

11194128

Description : DPT 11-110

Sampling Date/Time : 5/12/2011 11:45:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/19/2011 7:41:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.74**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**3.3**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**96**	%Rec	
22280735	1,1-Dichloroethylene-d2	**54**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**104**	%Rec	
17060070	1,2-Dichloroethane-d4	**107**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**78**	%Rec	
24313506	2-Butanone-D5	**83**	%Rec	
4840828	2-Hexanone-D5	**96**	%Rec	
1076433	Benzene-D6	**95**	%Rec	
19199918	Chloroethane-D5	**49**	%Rec	
865496	Chloroform-D1	**88**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**14**	%Rec	

Sample Information

11194129

Description : DPT 11-125

Sampling Date/Time : 5/12/2011 1:20:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/19/2011 8:15:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	**0.54**	ug/L	
75354	1,1-Dichloroethene	**6.9**	ug/L	
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.4**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.54**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**94**	%Rec	
22280735	1,1-Dichloroethylene-d2	**60**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**106**	%Rec	
93952080	1,2-dichloropropane-d6	**98**	%Rec	
202656233	1,3-Dichloropropene-d14	**78**	%Rec	
24313506	2-Butanone-D5	**87**	%Rec	
4840828	2-Hexanone-D5	**90**	%Rec	
1076433	Benzene-D6	**95**	%Rec	
19199918	Chloroethane-D5	**47**	%Rec	
865496	Chloroform-D1	**89**	%Rec	
2037265	Toluene-d8	**100**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**13**	%Rec	

Sample Information

11194130

Description : RINATE # 4

Sampling Date/Time : 5/12/2011 3:00:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/19/2011 8:49:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.30**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.40**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**100**	%Rec	
22280735	1,1-Dichloroethylene-d2	**51**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**109**	%Rec	
93952080	1,2-dichloropropane-d6	**99**	%Rec	
202656233	1,3-Dichloropropene-d14	**82**	%Rec	
24313506	2-Butanone-D5	**97**	%Rec	
4840828	2-Hexanone-D5	**102**	%Rec	
1076433	Benzene-D6	**95**	%Rec	
19199918	Chloroethane-D5	**45**	%Rec	
865496	Chloroform-D1	**93**	%Rec	
2037265	Toluene-d8	**101**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**20**	%Rec	

Sample Information

11194131

Description : DPT 14-80

Sampling Date/Time : 5/12/2011 4:15:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/19/2011 9:23:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.7**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.33**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**101**	%Rec	
22280735	1,1-Dichloroethylene-d2	**47**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**106**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**75**	%Rec	
24313506	2-Butanone-D5	**78**	%Rec	
4840828	2-Hexanone-D5	**95**	%Rec	
1076433	Benzene-D6	**94**	%Rec	
19199918	Chloroethane-D5	**41**	%Rec	
865496	Chloroform-D1	**89**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**18**	%Rec	

Sample Information

11194132

Description : DPT 14 - 95

Sampling Date/Time : 5/13/2011 9:30:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/19/2011 11:06:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**5.8**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.44**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**90**	%Rec	
22280735	1,1-Dichloroethylene-d2	**39**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**98**	%Rec	
17060070	1,2-Dichloroethane-d4	**106**	%Rec	
93952080	1,2-dichloropropane-d6	**97**	%Rec	
202656233	1,3-Dichloropropene-d14	**74**	%Rec	
24313506	2-Butanone-D5	**83**	%Rec	
4840828	2-Hexanone-D5	**77**	%Rec	
1076433	Benzene-D6	**93**	%Rec	
19199918	Chloroethane-D5	**33**	%Rec	
865496	Chloroform-D1	**89**	%Rec	
2037265	Toluene-d8	**101**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**6.4**	%Rec	

Sample Information

11194133

Description : DPT 14 - 110

Sampling Date/Time : 5/13/2011 10:50:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/19/2011 11:40:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.3**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.31**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**92**	%Rec	
22280735	1,1-Dichloroethylene-d2	**37**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**103**	%Rec	
17060070	1,2-Dichloroethane-d4	**106**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**77**	%Rec	
24313506	2-Butanone-D5	**93**	%Rec	
4840828	2-Hexanone-D5	**91**	%Rec	
1076433	Benzene-D6	**90**	%Rec	
19199918	Chloroethane-D5	**31**	%Rec	
865496	Chloroform-D1	**90**	%Rec	
2037265	Toluene-d8	**97**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**4.1**	%Rec	

Sample Information

11194134

Description : DPT 14 - 110

Sampling Date/Time : 5/13/2011 10:58:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/20/2011 12:14:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052011

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**3.1**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.46**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**96**	%Rec	
22280735	1,1-Dichloroethylene-d2	**38**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**103**	%Rec	
17060070	1,2-Dichloroethane-d4	**113**	%Rec	
93952080	1,2-dichloropropane-d6	**99**	%Rec	
202656233	1,3-Dichloropropene-d14	**74**	%Rec	
24313506	2-Butanone-D5	**85**	%Rec	
4840828	2-Hexanone-D5	**95**	%Rec	
1076433	Benzene-D6	**94**	%Rec	
19199918	Chloroethane-D5	**21**	%Rec	
865496	Chloroform-D1	**88**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**7.2**	%Rec	

Sample Information

11194135

Description : RINSATE BLANK # 5

Sampling Date/Time : 5/13/2011 11:40:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/20/2011 12:48:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052011

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.2**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.35**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.34**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**90**	%Rec	
22280735	1,1-Dichloroethylene-d2	**37**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**106**	%Rec	
93952080	1,2-dichloropropane-d6	**94**	%Rec	
202656233	1,3-Dichloropropene-d14	**74**	%Rec	
24313506	2-Butanone-D5	**89**	%Rec	
4840828	2-Hexanone-D5	**90**	%Rec	
1076433	Benzene-D6	**87**	%Rec	
19199918	Chloroethane-D5	**26**	%Rec	
865496	Chloroform-D1	**89**	%Rec	
2037265	Toluene-d8	**95**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**6.1**	%Rec	

Sample Information

11194136

Description : DPT 14 - 125

Sampling Date/Time : 5/13/2011 12:25:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/20/2011 1:22:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052011

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**10**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.36**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.31**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**94**	%Rec	
22280735	1,1-Dichloroethylene-d2	**33**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**110**	%Rec	
93952080	1,2-dichloropropane-d6	**91**	%Rec	
202656233	1,3-Dichloropropene-d14	**70**	%Rec	
24313506	2-Butanone-D5	**85**	%Rec	
4840828	2-Hexanone-D5	**83**	%Rec	
1076433	Benzene-D6	**85**	%Rec	
19199918	Chloroethane-D5	**26**	%Rec	
865496	Chloroform-D1	**87**	%Rec	
2037265	Toluene-d8	**96**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**4.1**	%Rec	

Sample Information

11204100

Description : TRIP BLANK 3

Sampling Date/Time : 5/16/2011 12:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/25/2011 12:05:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	0.50	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	1.0	ug/L	U
96128	1,2-Dibromo-3-chloropropane	5.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	1.0	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	1.0	ug/L	U
67641	2-Propanone	1.0	ug/L	U
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	1.0	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	0.50	ug/L	UJ
124481	Dibromochloromethane	1.0	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	0.50	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	0.50	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	0.50	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	1.0	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	1.0	ug/L	U
95476	o-Xylene	2.0	ug/L	U
127184	Tetrachloroethene	0.50	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**106**	%Rec	
22280735	1,1-Dichloroethylene-d2	**100**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**104**	%Rec	
17060070	1,2-Dichloroethane-d4	**123**	%Rec	
93952080	1,2-dichloropropane-d6	**107**	%Rec	
202656233	1,3-Dichloropropene-d14	**87**	%Rec	
24313506	2-Butanone-D5	**108**	%Rec	
4840828	2-Hexanone-D5	**114**	%Rec	
1076433	Benzene-D6	**109**	%Rec	
19199918	Chloroethane-D5	**119**	%Rec	
865496	Chloroform-D1	**115**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**106**	%Rec	

Sample Information

11204101

Description : DPT 17 -80

Sampling Date/Time : 5/16/2011 10:02:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/20/2011 1:56:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052011

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**3.3**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.41**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**97**	%Rec	
22280735	1,1-Dichloroethylene-d2	**29**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**109**	%Rec	
93952080	1,2-dichloropropane-d6	**91**	%Rec	
202656233	1,3-Dichloropropene-d14	**75**	%Rec	
24313506	2-Butanone-D5	**94**	%Rec	
4840828	2-Hexanone-D5	**88**	%Rec	
1076433	Benzene-D6	**84**	%Rec	
19199918	Chloroethane-D5	**15**	%Rec	
865496	Chloroform-D1	**88**	%Rec	
2037265	Toluene-d8	**94**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**3.2**	%Rec	

Sample Information

11204102

Description : DPT 17 - 95

Sampling Date/Time : 5/16/2011 10:45:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/20/2011 2:31:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052011

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**4.7**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	**2.8**	ug/L	J
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.6**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	**0.31**	ug/L	J
108883	Toluene	**0.30**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**100**	%Rec	
22280735	1,1-Dichloroethylene-d2	**33**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**109**	%Rec	
93952080	1,2-dichloropropane-d6	**97**	%Rec	
202656233	1,3-Dichloropropene-d14	**77**	%Rec	
24313506	2-Butanone-D5	**88**	%Rec	
4840828	2-Hexanone-D5	**94**	%Rec	
1076433	Benzene-D6	**86**	%Rec	
19199918	Chloroethane-D5	**12**	%Rec	
865496	Chloroform-D1	**83**	%Rec	
2037265	Toluene-d8	**97**	%Rec	
6745353	Vinyl chloride-D3	**2.1**	%Rec	

Sample Information

11204102

Analysis Suffix: D1

Description : DPT 17 - 95

Sampling Date/Time : 5/16/2011 10:45:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/23/2011 6:20:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052311

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
79016	Ethene, trichloro-	**170**	ug/L	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**101**	%Rec	
22280735	1,1-Dichloroethylene-d2	**72**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**97**	%Rec	
17060070	1,2-Dichloroethane-d4	**101**	%Rec	
93952080	1,2-dichloropropane-d6	**97**	%Rec	
202656233	1,3-Dichloropropene-d14	**93**	%Rec	
24313506	2-Butanone-D5	**105**	%Rec	
4840828	2-Hexanone-D5	**105**	%Rec	
1076433	Benzene-D6	**94**	%Rec	
19199918	Chloroethane-D5	**72**	%Rec	
865496	Chloroform-D1	**99**	%Rec	
2037265	Toluene-d8	**98**	%Rec	
6745353	Vinyl chloride-D3	**51**	%Rec	

Sample Information

11204103

Description : DPT 17 - 110

Sampling Date/Time : 5/16/2011 11:30:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/20/2011 3:05:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052011

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.2**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	0.50	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	**0.87**	ug/L	J
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	**0.22**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**97**	%Rec	
22280735	1,1-Dichloroethylene-d2	**26**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**103**	%Rec	
17060070	1,2-Dichloroethane-d4	**111**	%Rec	
93952080	1,2-dichloropropane-d6	**92**	%Rec	
202656233	1,3-Dichloropropene-d14	**75**	%Rec	
24313506	2-Butanone-D5	**90**	%Rec	
4840828	2-Hexanone-D5	**95**	%Rec	
1076433	Benzene-D6	**82**	%Rec	
19199918	Chloroethane-D5	**17**	%Rec	
865496	Chloroform-D1	**86**	%Rec	
2037265	Toluene-d8	**92**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**0.0**	%Rec	

Sample Information

11204104

Description : DPT 15-80

Sampling Date/Time : 5/16/2011 2:40:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/23/2011 10:19:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052311

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**0.58**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.96**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**4.50**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	**0.60**	ug/L	
108883	Toluene	**0.29**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**97**	%Rec	
22280735	1,1-Dichloroethylene-d2	**63**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**96**	%Rec	
17060070	1,2-Dichloroethane-d4	**105**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**89**	%Rec	
24313506	2-Butanone-D5	**106**	%Rec	
4840828	2-Hexanone-D5	**96**	%Rec	
1076433	Benzene-D6	**91**	%Rec	
19199918	Chloroethane-D5	**56**	%Rec	
865496	Chloroform-D1	**96**	%Rec	
2037265	Toluene-d8	**97**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**31**	%Rec	

Sample Information

11204105

Description : DPT 15-95

Sampling Date/Time : 5/16/2011 3:30:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/23/2011 10:54:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052311

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**1.50**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	**1.4**	ug/L	
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.56**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	**0.76**	ug/L	
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	**6.9**	ug/L	
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.26**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**94**	%Rec	
22280735	1,1-Dichloroethylene-d2	**61**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**99**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**82**	%Rec	
24313506	2-Butanone-D5	**92**	%Rec	
4840828	2-Hexanone-D5	**87**	%Rec	
1076433	Benzene-D6	**91**	%Rec	
19199918	Chloroethane-D5	**49**	%Rec	
865496	Chloroform-D1	**96**	%Rec	
2037265	Toluene-d8	**95**	%Rec	
6745353	Vinyl chloride-D3	**26**	%Rec	

Sample Information

11204105

Analysis Suffix: D1

Description : DPT 15-95

Sampling Date/Time : 5/16/2011 3:30:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/25/2011 10:56:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
79016	Ethene, trichloro-	**20.0**	ug/L	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**101**	%Rec	
22280735	1,1-Dichloroethylene-d2	**102**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**118**	%Rec	
93952080	1,2-dichloropropane-d6	**104**	%Rec	
202656233	1,3-Dichloropropene-d14	**85**	%Rec	
24313506	2-Butanone-D5	**103**	%Rec	
4840828	2-Hexanone-D5	**98**	%Rec	
1076433	Benzene-D6	**107**	%Rec	
19199918	Chloroethane-D5	**120**	%Rec	
865496	Chloroform-D1	**112**	%Rec	
2037265	Toluene-d8	**98**	%Rec	
6745353	Vinyl chloride-D3	**117**	%Rec	

Sample Information

11204106

Description : RINSATE #6

Sampling Date/Time : 5/16/2011 3:20:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 12:36:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.2**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.32**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**95**	%Rec	
22280735	1,1-Dichloroethylene-d2	**53**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**102**	%Rec	
93952080	1,2-dichloropropane-d6	**94**	%Rec	
202656233	1,3-Dichloropropene-d14	**86**	%Rec	
24313506	2-Butanone-D5	**100**	%Rec	
4840828	2-Hexanone-D5	**98**	%Rec	
1076433	Benzene-D6	**89**	%Rec	
19199918	Chloroethane-D5	**45**	%Rec	
865496	Chloroform-D1	**101**	%Rec	
2037265	Toluene-d8	**94**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**21**	%Rec	

Sample Information

11204107

Description : DPT 15-110

Sampling Date/Time : 5/16/2011 4:15:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 1:10:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	**1.8**	ug/L	
75354	1,1-Dichloroethene	**3.5**	ug/L	J
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.39**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.32**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**95**	%Rec	
22280735	1,1-Dichloroethylene-d2	**55**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**105**	%Rec	
93952080	1,2-dichloropropane-d6	**93**	%Rec	
202656233	1,3-Dichloropropene-d14	**84**	%Rec	
24313506	2-Butanone-D5	**104**	%Rec	
4840828	2-Hexanone-D5	**104**	%Rec	
1076433	Benzene-D6	**89**	%Rec	
19199918	Chloroethane-D5	**42**	%Rec	
865496	Chloroform-D1	**98**	%Rec	
2037265	Toluene-d8	**94**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**20**	%Rec	

Sample Information

11204108

Description : DPT 16-80

Sampling Date/Time : 5/17/2011 9:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 1:44:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.64**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**1.1**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.30**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**94**	%Rec	
22280735	1,1-Dichloroethylene-d2	**50**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**100**	%Rec	
93952080	1,2-dichloropropane-d6	**92**	%Rec	
202656233	1,3-Dichloropropene-d14	**84**	%Rec	
24313506	2-Butanone-D5	**93**	%Rec	
4840828	2-Hexanone-D5	**90**	%Rec	
1076433	Benzene-D6	**87**	%Rec	
19199918	Chloroethane-D5	**39**	%Rec	
865496	Chloroform-D1	**94**	%Rec	
2037265	Toluene-d8	**94**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**16**	%Rec	

Sample Information

11204109

Description : DPT 16-95

Sampling Date/Time : 5/17/2011 9:50:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 2:19:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**0.82**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	**0.66**	ug/L	J
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.2**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	**0.79**	ug/L	
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**10**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.31**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**97**	%Rec	
22280735	1,1-Dichloroethylene-d2	**49**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**97**	%Rec	
17060070	1,2-Dichloroethane-d4	**105**	%Rec	
93952080	1,2-dichloropropane-d6	**98**	%Rec	
202656233	1,3-Dichloropropene-d14	**83**	%Rec	
24313506	2-Butanone-D5	**93**	%Rec	
4840828	2-Hexanone-D5	**97**	%Rec	
1076433	Benzene-D6	**91**	%Rec	
19199918	Chloroethane-D5	**37**	%Rec	
865496	Chloroform-D1	**94**	%Rec	
2037265	Toluene-d8	**96**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**16**	%Rec	

Sample Information

11204110

Description : DPT 16-110

Sampling Date/Time : 5/17/2011 10:40:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 2:53:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	**0.46**	ug/L	J
75354	1,1-Dichloroethene	**4.3**	ug/L	J
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.90**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	**2.2**	ug/L	
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**10**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.27**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**98**	%Rec	
22280735	1,1-Dichloroethylene-d2	**54**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**111**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**87**	%Rec	
24313506	2-Butanone-D5	**103**	%Rec	
4840828	2-Hexanone-D5	**99**	%Rec	
1076433	Benzene-D6	**90**	%Rec	
19199918	Chloroethane-D5	**36**	%Rec	
865496	Chloroform-D1	**97**	%Rec	
2037265	Toluene-d8	**94**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**15**	%Rec	

Sample Information

11204111

Description : RINSATE #7

Sampling Date/Time : 5/17/2011 1:10:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 3:27:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.3**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**0.15**	ug/L	J
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.35**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**100**	%Rec	
22280735	1,1-Dichloroethylene-d2	**46**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**105**	%Rec	
17060070	1,2-Dichloroethane-d4	**109**	%Rec	
93952080	1,2-dichloropropane-d6	**99**	%Rec	
202656233	1,3-Dichloropropene-d14	**86**	%Rec	
24313506	2-Butanone-D5	**106**	%Rec	
4840828	2-Hexanone-D5	**101**	%Rec	
1076433	Benzene-D6	**91**	%Rec	
19199918	Chloroethane-D5	**34**	%Rec	
865496	Chloroform-D1	**98**	%Rec	
2037265	Toluene-d8	**96**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**13**	%Rec	

Sample Information

11204112

Description : DPT 12-80

Sampling Date/Time : 5/17/2011 2:05:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 4:02:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**3.1**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	**1.6**	ug/L	J
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**3.2**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	2.0	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	**0.90**	ug/L	
108883	Toluene	**0.3**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**93**	%Rec	
22280735	1,1-Dichloroethylene-d2	**43**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**105**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**81**	%Rec	
24313506	2-Butanone-D5	**91**	%Rec	
4840828	2-Hexanone-D5	**83**	%Rec	
1076433	Benzene-D6	**88**	%Rec	
19199918	Chloroethane-D5	**31**	%Rec	
865496	Chloroform-D1	**92**	%Rec	
2037265	Toluene-d8	**94**	%Rec	
6745353	Vinyl chloride-D3	**12**	%Rec	

Sample Information

11204112

Analysis Suffix: D1

Description : DPT 12-80

Sampling Date/Time : 5/17/2011 2:05:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 1:34:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
79016	Ethene, trichloro-	**130**	ug/L	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**101**	%Rec	
22280735	1,1-Dichloroethylene-d2	**101**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**103**	%Rec	
17060070	1,2-Dichloroethane-d4	**107**	%Rec	
93952080	1,2-dichloropropane-d6	**103**	%Rec	
202656233	1,3-Dichloropropene-d14	**88**	%Rec	
24313506	2-Butanone-D5	**108**	%Rec	
4840828	2-Hexanone-D5	**100**	%Rec	
1076433	Benzene-D6	**103**	%Rec	
19199918	Chloroethane-D5	**123**	%Rec	
865496	Chloroform-D1	**109**	%Rec	
2037265	Toluene-d8	**101**	%Rec	
6745353	Vinyl chloride-D3	**90**	%Rec	

Sample Information

11204113

Description : DPT 12-95

Sampling Date/Time : 5/17/2011 2:55:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 4:36:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**0.77**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.78**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**2.0**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.30**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**98**	%Rec	
22280735	1,1-Dichloroethylene-d2	**42**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**98**	%Rec	
17060070	1,2-Dichloroethane-d4	**106**	%Rec	
93952080	1,2-dichloropropane-d6	**98**	%Rec	
202656233	1,3-Dichloropropene-d14	**86**	%Rec	
24313506	2-Butanone-D5	**100**	%Rec	
4840828	2-Hexanone-D5	**89**	%Rec	
1076433	Benzene-D6	**89**	%Rec	
19199918	Chloroethane-D5	**29**	%Rec	
865496	Chloroform-D1	**91**	%Rec	
2037265	Toluene-d8	**95**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**11**	%Rec	

Sample Information

11204114

Description : DPT 12-110

Sampling Date/Time : 5/17/2011 3:45:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 5:10:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.32**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**5.4**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.27**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**89**	%Rec	
22280735	1,1-Dichloroethylene-d2	**41**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**104**	%Rec	
93952080	1,2-dichloropropane-d6	**97**	%Rec	
202656233	1,3-Dichloropropene-d14	**77**	%Rec	
24313506	2-Butanone-D5	**86**	%Rec	
4840828	2-Hexanone-D5	**82**	%Rec	
1076433	Benzene-D6	**88**	%Rec	
19199918	Chloroethane-D5	**27**	%Rec	
865496	Chloroform-D1	**91**	%Rec	
2037265	Toluene-d8	**93**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**8.4**	%Rec	

Sample Information

11204115

Description : DPT 12-125

Sampling Date/Time : 5/17/2011 4:50:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 5:44:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**6.7**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**4.1**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.36**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**97**	%Rec	
22280735	1,1-Dichloroethylene-d2	**38**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**109**	%Rec	
93952080	1,2-dichloropropane-d6	**98**	%Rec	
202656233	1,3-Dichloropropene-d14	**85**	%Rec	
24313506	2-Butanone-D5	**97**	%Rec	
4840828	2-Hexanone-D5	**103**	%Rec	
1076433	Benzene-D6	**90**	%Rec	
19199918	Chloroethane-D5	**27**	%Rec	
865496	Chloroform-D1	**87**	%Rec	
2037265	Toluene-d8	**94**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**6.5**	%Rec	

Sample Information

11204116

Description : DPT 13-80

Sampling Date/Time : 5/18/2011 10:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 6:18:00AM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	UJ
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.8**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**0.74**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	UJ
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**94**	%Rec	
22280735	1,1-Dichloroethylene-d2	**33**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**112**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**83**	%Rec	
24313506	2-Butanone-D5	**100**	%Rec	
4840828	2-Hexanone-D5	**94**	%Rec	
1076433	Benzene-D6	**85**	%Rec	
19199918	Chloroethane-D5	**25**	%Rec	
865496	Chloroform-D1	**92**	%Rec	
2037265	Toluene-d8	**93**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**5.2**	%Rec	

Sample Information

11204117

Description : DPT 13-95

Sampling Date/Time : 5/18/2011 11:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 2:08:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**2.4**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	**1.0**	ug/L	
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.6**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	**0.26**	ug/L	J
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**103**	%Rec	
22280735	1,1-Dichloroethylene-d2	**101**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**98**	%Rec	
17060070	1,2-Dichloroethane-d4	**110**	%Rec	
93952080	1,2-dichloropropane-d6	**105**	%Rec	
202656233	1,3-Dichloropropene-d14	**87**	%Rec	
24313506	2-Butanone-D5	**103**	%Rec	
4840828	2-Hexanone-D5	**112**	%Rec	
1076433	Benzene-D6	**107**	%Rec	
19199918	Chloroethane-D5	**121**	%Rec	
865496	Chloroform-D1	**106**	%Rec	
2037265	Toluene-d8	**97**	%Rec	
6745353	Vinyl chloride-D3	**124**	%Rec	

Sample Information

11204117

Analysis Suffix: D1

Description : DPT 13-95

Sampling Date/Time : 5/18/2011 11:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/25/2011 11:30:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
79016	Ethene, trichloro-	**150**	ug/L	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**103**	%Rec	
22280735	1,1-Dichloroethylene-d2	**96**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**119**	%Rec	
93952080	1,2-dichloropropane-d6	**106**	%Rec	
202656233	1,3-Dichloropropene-d14	**83**	%Rec	
24313506	2-Butanone-D5	**106**	%Rec	
4840828	2-Hexanone-D5	**113**	%Rec	
1076433	Benzene-D6	**108**	%Rec	
19199918	Chloroethane-D5	**119**	%Rec	
865496	Chloroform-D1	**110**	%Rec	
2037265	Toluene-d8	**100**	%Rec	
6745353	Vinyl chloride-D3	**111**	%Rec	

Sample Information

11204118

Description : DPT 13-110

Sampling Date/Time : 5/18/2011 11:45:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 2:42:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.7**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**0.60**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**100**	%Rec	
22280735	1,1-Dichloroethylene-d2	**100**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**115**	%Rec	
93952080	1,2-dichloropropane-d6	**103**	%Rec	
202656233	1,3-Dichloropropene-d14	**84**	%Rec	
24313506	2-Butanone-D5	**103**	%Rec	
4840828	2-Hexanone-D5	**110**	%Rec	
1076433	Benzene-D6	**102**	%Rec	
19199918	Chloroethane-D5	**119**	%Rec	
865496	Chloroform-D1	**107**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**118**	%Rec	

Sample Information

11204119

Description : DPT 13-125

Sampling Date/Time : 5/18/2011 1:40:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 3:17:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**7.0**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**0.38**	ug/L	J
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.35**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**102**	%Rec	
22280735	1,1-Dichloroethylene-d2	**98**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**118**	%Rec	
93952080	1,2-dichloropropane-d6	**105**	%Rec	
202656233	1,3-Dichloropropene-d14	**86**	%Rec	
24313506	2-Butanone-D5	**116**	%Rec	
4840828	2-Hexanone-D5	**112**	%Rec	
1076433	Benzene-D6	**107**	%Rec	
19199918	Chloroethane-D5	**120**	%Rec	
865496	Chloroform-D1	**110**	%Rec	
2037265	Toluene-d8	**102**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**115**	%Rec	

Sample Information

11204120

Description : DPT 18-80 MS/MSD

Sampling Date/Time : 5/18/2011 4:40:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 3:51:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**4.6**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**0.73**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**103**	%Rec	
22280735	1,1-Dichloroethylene-d2	**99**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**103**	%Rec	
17060070	1,2-Dichloroethane-d4	**117**	%Rec	
93952080	1,2-dichloropropane-d6	**100**	%Rec	
202656233	1,3-Dichloropropene-d14	**86**	%Rec	
24313506	2-Butanone-D5	**109**	%Rec	
4840828	2-Hexanone-D5	**110**	%Rec	
1076433	Benzene-D6	**101**	%Rec	
19199918	Chloroethane-D5	**115**	%Rec	
865496	Chloroform-D1	**107**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**109**	%Rec	

Sample Information

11204121

Description : RINSATE #8

Sampling Date/Time : 5/18/2011 5:27:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 4:25:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**2.6**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.28**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**102**	%Rec	
22280735	1,1-Dichloroethylene-d2	**91**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**116**	%Rec	
93952080	1,2-dichloropropane-d6	**105**	%Rec	
202656233	1,3-Dichloropropene-d14	**88**	%Rec	
24313506	2-Butanone-D5	**107**	%Rec	
4840828	2-Hexanone-D5	**113**	%Rec	
1076433	Benzene-D6	**106**	%Rec	
19199918	Chloroethane-D5	**112**	%Rec	
865496	Chloroform-D1	**108**	%Rec	
2037265	Toluene-d8	**100**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**101**	%Rec	

Sample Information

11204122

Description : DPT 18-95

Sampling Date/Time : 5/19/2011 9:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 4:59:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	**0.93**	ug/L	
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	**2.3**	ug/L	
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**0.98**	ug/L	J
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	**0.79**	ug/L	
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**5.5**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**100**	%Rec	
22280735	1,1-Dichloroethylene-d2	**97**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**101**	%Rec	
17060070	1,2-Dichloroethane-d4	**114**	%Rec	
93952080	1,2-dichloropropane-d6	**96**	%Rec	
202656233	1,3-Dichloropropene-d14	**83**	%Rec	
24313506	2-Butanone-D5	**105**	%Rec	
4840828	2-Hexanone-D5	**97**	%Rec	
1076433	Benzene-D6	**99**	%Rec	
19199918	Chloroethane-D5	**107**	%Rec	
865496	Chloroform-D1	**104**	%Rec	
2037265	Toluene-d8	**96**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**93**	%Rec	

Sample Information

11204123

Description : DPT 18-110

Sampling Date/Time : 5/19/2011 9:50:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 5:34:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	**1.9**	ug/L	
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.1**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	**1.2**	ug/L	
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**7.7**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**101**	%Rec	
22280735	1,1-Dichloroethylene-d2	**89**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**113**	%Rec	
93952080	1,2-dichloropropane-d6	**104**	%Rec	
202656233	1,3-Dichloropropene-d14	**84**	%Rec	
24313506	2-Butanone-D5	**107**	%Rec	
4840828	2-Hexanone-D5	**108**	%Rec	
1076433	Benzene-D6	**105**	%Rec	
19199918	Chloroethane-D5	**98**	%Rec	
865496	Chloroform-D1	**100**	%Rec	
2037265	Toluene-d8	**97**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**85**	%Rec	

Sample Information

11204124

Description : DPT 18-110

Sampling Date/Time : 5/19/2011 10:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 6:08:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	**1.8**	ug/L	
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.1**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	**1.2**	ug/L	
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**7.7**	ug/L	
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**105**	%Rec	
22280735	1,1-Dichloroethylene-d2	**90**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**103**	%Rec	
17060070	1,2-Dichloroethane-d4	**116**	%Rec	
93952080	1,2-dichloropropane-d6	**104**	%Rec	
202656233	1,3-Dichloropropene-d14	**87**	%Rec	
24313506	2-Butanone-D5	**115**	%Rec	
4840828	2-Hexanone-D5	**120**	%Rec	
1076433	Benzene-D6	**102**	%Rec	
19199918	Chloroethane-D5	**100**	%Rec	
865496	Chloroform-D1	**103**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**83**	%Rec	

Sample Information

11204125

Description : DPT 18-125

Sampling Date/Time : 5/19/2011 11:00:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 6:42:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	**3.2**	ug/L	
75354	1,1-Dichloroethene	**18**	ug/L	
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**10**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	**2.4**	ug/L	
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	**1.7**	ug/L	
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**0.17**	ug/L	J
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.34**	ug/L	J
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	**1.7**	ug/L	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**100**	%Rec	
22280735	1,1-Dichloroethylene-d2	**108**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**104**	%Rec	
17060070	1,2-Dichloroethane-d4	**113**	%Rec	
93952080	1,2-dichloropropane-d6	**99**	%Rec	
202656233	1,3-Dichloropropene-d14	**83**	%Rec	
24313506	2-Butanone-D5	**103**	%Rec	
4840828	2-Hexanone-D5	**100**	%Rec	
1076433	Benzene-D6	**100**	%Rec	
19199918	Chloroethane-D5	**93**	%Rec	
865496	Chloroform-D1	**102**	%Rec	
2037265	Toluene-d8	**97**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**76**	%Rec	

Sample Information

11204126

Description : RINSATE #9

Sampling Date/Time : 5/19/2011 2:10:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 7:16:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**3.8**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	**4.9**	ug/L	
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	**0.54**	ug/L	
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**100**	%Rec	
22280735	1,1-Dichloroethylene-d2	**83**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**117**	%Rec	
93952080	1,2-dichloropropane-d6	**99**	%Rec	
202656233	1,3-Dichloropropene-d14	**86**	%Rec	
24313506	2-Butanone-D5	**108**	%Rec	
4840828	2-Hexanone-D5	**95**	%Rec	
1076433	Benzene-D6	**101**	%Rec	
19199918	Chloroethane-D5	**92**	%Rec	
865496	Chloroform-D1	**107**	%Rec	
2037265	Toluene-d8	**97**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**74**	%Rec	

Sample Information

11204127

Description : DPT 2R-30

Sampling Date/Time : 5/19/2011 2:45:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 7:51:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.9**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	**0.26**	ug/L	J
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**0.23**	ug/L	J
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**92**	%Rec	
22280735	1,1-Dichloroethylene-d2	**79**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**98**	%Rec	
17060070	1,2-Dichloroethane-d4	**114**	%Rec	
93952080	1,2-dichloropropane-d6	**104**	%Rec	
202656233	1,3-Dichloropropene-d14	**82**	%Rec	
24313506	2-Butanone-D5	**104**	%Rec	
4840828	2-Hexanone-D5	**91**	%Rec	
1076433	Benzene-D6	**102**	%Rec	
19199918	Chloroethane-D5	**87**	%Rec	
865496	Chloroform-D1	**99**	%Rec	
2037265	Toluene-d8	**100**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**66**	%Rec	

Sample Information

11204128

Description : DPT 2R-40

Sampling Date/Time : 5/19/2011 3:40:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/24/2011 8:25:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	**1.6**	ug/L	
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	UJ
108872	Cyclohexane, methyl-	1.0	ug/L	UJ
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	**0.22**	ug/L	J
75003	Ethyl Chloride	2.0	ug/L	UJ
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**96**	%Rec	
22280735	1,1-Dichloroethylene-d2	**80**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**98**	%Rec	
17060070	1,2-Dichloroethane-d4	**112**	%Rec	
93952080	1,2-dichloropropane-d6	**103**	%Rec	
202656233	1,3-Dichloropropene-d14	**79**	%Rec	
24313506	2-Butanone-D5	**98**	%Rec	
4840828	2-Hexanone-D5	**81**	%Rec	
1076433	Benzene-D6	**104**	%Rec	
19199918	Chloroethane-D5	**83**	%Rec	
865496	Chloroform-D1	**100**	%Rec	
2037265	Toluene-d8	**100**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**62**	%Rec	

Sample Information

11194113 Matrix Spike

Description : DPT 5-40 MS/MSD

Sampling Date/Time : 5/10/2011 9:45:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/25/2011 12:39:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	105	%Rec	
71556	1,1,1-Trichloroethane	119	%Rec	
79005	1,1,2-Trichloroethane	118	%Rec	
75343	1,1-Dichloroethane	128	%Rec	
75354	1,1-Dichloroethene	134	%Rec	
87616	1,2,3-Trichlorobenzene	99	%Rec	
96184	1,2,3-Trichloropropane	111	%Rec	
120821	1,2,4-Trichlorobenzene	95	%Rec	
96128	1,2-Dibromo-3-chloropropane	90	%Rec	
107062	1,2-Dichloroethane	132	%Rec	
78875	1,2-Dichloropropane	125	%Rec	
78933	2-Butanone	118	%Rec	
591786	2-Hexanone	117	%Rec	
108101	2-Pentanone, 4-methyl-	115	%Rec	
67641	2-Propanone	147	%Rec	
79209	Acetic acid, methyl ester	130	%Rec	
107131	Acrylonitrile	136	%Rec	
98828	Benzene, (1-methylethyl)-	99	%Rec	
71432	Benzene, (71432)	129	%Rec	
95501	Benzene, 1,2-dichloro-	110	%Rec	
541731	Benzene, 1,3-dichloro-	110	%Rec	
106467	Benzene, 1,4-dichloro-	106	%Rec	
108907	Benzene, chloro-	111	%Rec	
100425	Benzene, ethenyl-	106	%Rec	
74975	Bromochloromethane	110	%Rec	
75274	Bromodichloromethane	112	%Rec	
75252	Bromoform	80	%Rec	
74839	Bromomethane	118	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	**103**	%Rec	
56235	Carbon Tetrachloride	**116**	%Rec	
156592	cis-1,2-Dichloroethene	**124**	%Rec	
10061015	cis-1,3-Dichloropropene	**113**	%Rec	
110827	Cyclohexane	**152**	%Rec	
108872	Cyclohexane, methyl-	**109**	%Rec	
124481	Dibromochloromethane	**101**	%Rec	
74953	Dibromomethane	**136**	%Rec	
75092	Dichloromethane	**114**	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	**108**	%Rec	
106934	Ethane, 1,2-dibromo-	**117**	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	**112**	%Rec	
79016	Ethene, trichloro-	**128**	%Rec	
75003	Ethyl Chloride	**129**	%Rec	
100414	Ethylbenzene	**107**	%Rec	
75694	Freon 11	**140**	%Rec	
76131	Freon 113	**138**	%Rec	
75718	Freon 12	**128**	%Rec	
87683	Hexachlorobutadiene	**118**	%Rec	
74873	Methane, chloro-	**144**	%Rec	
67663	Methane, trichloro-	**129**	%Rec	
1634044	Methyl tert butylether (MTBE)	**103**	%Rec	
*1330207	MP-Xylene	**107**	%Rec	
91203	Naphthalene	**100**	%Rec	
95476	o-Xylene	**107**	%Rec	
127184	Tetrachloroethene	**122**	%Rec	
108883	Toluene	**106**	%Rec	
10061026	Trans-1,3-Dichloropropene	**106**	%Rec	
75014	Vinyl Chloride	**118**	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**113**	%Rec	
22280735	1,1-Dichloroethylene-d2	**117**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**126**	%Rec	
93952080	1,2-dichloropropane-d6	**121**	%Rec	
202656233	1,3-Dichloropropene-d14	**101**	%Rec	
24313506	2-Butanone-D5	**114**	%Rec	
4840828	2-Hexanone-D5	**96**	%Rec	
1076433	Benzene-D6	**120**	%Rec	
19199918	Chloroethane-D5	**102**	%Rec	
865496	Chloroform-D1	**122**	%Rec	
2037265	Toluene-d8	**107**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**100**	%Rec	

Sample Information

11194121 Matrix Spike

Description : DPT 9-95 MS/MSD

Sampling Date/Time : 5/11/2011 9:40:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water **Data Package :**PKG# 1218

Preparation Method(s):
5030 - Purge and Trap
Analysis Date/Time: 5/25/2011 1:47:00PM **Batch ID:** A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	103	%Rec	
71556	1,1,1-Trichloroethane	119	%Rec	
79005	1,1,2-Trichloroethane	115	%Rec	
75343	1,1-Dichloroethane	117	%Rec	
75354	1,1-Dichloroethene	128	%Rec	
87616	1,2,3-Trichlorobenzene	98	%Rec	
96184	1,2,3-Trichloropropane	105	%Rec	
120821	1,2,4-Trichlorobenzene	98	%Rec	
96128	1,2-Dibromo-3-chloropropane	97	%Rec	
107062	1,2-Dichloroethane	122	%Rec	
78875	1,2-Dichloropropane	119	%Rec	
78933	2-Butanone	128	%Rec	
591786	2-Hexanone	116	%Rec	
108101	2-Pentanone, 4-methyl-	114	%Rec	
67641	2-Propanone	196	%Rec	
79209	Acetic acid, methyl ester	129	%Rec	
107131	Acrylonitrile	129	%Rec	
98828	Benzene, (1-methylethyl)-	96	%Rec	
71432	Benzene, (71432)	120	%Rec	
95501	Benzene, 1,2-dichloro-	107	%Rec	
541731	Benzene, 1,3-dichloro-	107	%Rec	
106467	Benzene, 1,4-dichloro-	105	%Rec	
108907	Benzene, chloro-	108	%Rec	
100425	Benzene, ethenyl-	103	%Rec	
74975	Bromochloromethane	104	%Rec	
75274	Bromodichloromethane	113	%Rec	
75252	Bromoform	83	%Rec	
74839	Bromomethane	116	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	**103**	%Rec	
56235	Carbon Tetrachloride	**108**	%Rec	
156592	cis-1,2-Dichloroethene	**120**	%Rec	
10061015	cis-1,3-Dichloropropene	**109**	%Rec	
110827	Cyclohexane	**140**	%Rec	
108872	Cyclohexane, methyl-	**102**	%Rec	
124481	Dibromochloromethane	**101**	%Rec	
74953	Dibromomethane	**130**	%Rec	
75092	Dichloromethane	**111**	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	**108**	%Rec	
106934	Ethane, 1,2-dibromo-	**108**	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	**109**	%Rec	
79016	Ethene, trichloro-	**118**	%Rec	
75003	Ethyl Chloride	**118**	%Rec	
100414	Ethylbenzene	**103**	%Rec	
75694	Freon 11	**123**	%Rec	
76131	Freon 113	**120**	%Rec	
75718	Freon 12	**107**	%Rec	
87683	Hexachlorobutadiene	**108**	%Rec	
74873	Methane, chloro-	**133**	%Rec	
67663	Methane, trichloro-	**113**	%Rec	
1634044	Methyl tert butylether (MTBE)	**103**	%Rec	
*1330207	MP-Xylene	**108**	%Rec	
91203	Naphthalene	**98**	%Rec	
95476	o-Xylene	**106**	%Rec	
127184	Tetrachloroethene	**114**	%Rec	
108883	Toluene	**105**	%Rec	
10061026	Trans-1,3-Dichloropropene	**104**	%Rec	
75014	Vinyl Chloride	**108**	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**113**	%Rec	
22280735	1,1-Dichloroethylene-d2	**107**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**115**	%Rec	
93952080	1,2-dichloropropane-d6	**113**	%Rec	
202656233	1,3-Dichloropropene-d14	**99**	%Rec	
24313506	2-Butanone-D5	**114**	%Rec	
4840828	2-Hexanone-D5	**97**	%Rec	
1076433	Benzene-D6	**110**	%Rec	
19199918	Chloroethane-D5	**88**	%Rec	
865496	Chloroform-D1	**117**	%Rec	
2037265	Toluene-d8	**105**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**81**	%Rec	

Sample Information

11204120 Matrix Spike

Description : DPT 18-80 MS/MSD

Sampling Date/Time : 5/18/2011 4:40:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/25/2011 2:55:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	97	%Rec	
71556	1,1,1-Trichloroethane	111	%Rec	
79005	1,1,2-Trichloroethane	103	%Rec	
75343	1,1-Dichloroethane	112	%Rec	
75354	1,1-Dichloroethene	121	%Rec	
87616	1,2,3-Trichlorobenzene	102	%Rec	
96184	1,2,3-Trichloropropane	99	%Rec	
120821	1,2,4-Trichlorobenzene	100	%Rec	
96128	1,2-Dibromo-3-chloropropane	97	%Rec	
107062	1,2-Dichloroethane	110	%Rec	
78875	1,2-Dichloropropane	109	%Rec	
78933	2-Butanone	106	%Rec	
591786	2-Hexanone	108	%Rec	
108101	2-Pentanone, 4-methyl-	107	%Rec	
67641	2-Propanone	145	%Rec	
79209	Acetic acid, methyl ester	115	%Rec	
107131	Acrylonitrile	120	%Rec	
98828	Benzene, (1-methylethyl)-	98	%Rec	
71432	Benzene, (71432)	113	%Rec	
95501	Benzene, 1,2-dichloro-	109	%Rec	
541731	Benzene, 1,3-dichloro-	107	%Rec	
106467	Benzene, 1,4-dichloro-	106	%Rec	
108907	Benzene, chloro-	104	%Rec	
100425	Benzene, ethenyl-	106	%Rec	
74975	Bromochloromethane	99	%Rec	
75274	Bromodichloromethane	103	%Rec	
75252	Bromoform	82	%Rec	
74839	Bromomethane	108	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	105	%Rec	
56235	Carbon Tetrachloride	107	%Rec	
156592	cis-1,2-Dichloroethene	113	%Rec	
10061015	cis-1,3-Dichloropropene	101	%Rec	
110827	Cyclohexane	135	%Rec	
108872	Cyclohexane, methyl-	100	%Rec	
124481	Dibromochloromethane	94	%Rec	
74953	Dibromomethane	117	%Rec	
75092	Dichloromethane	105	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	105	%Rec	
106934	Ethane, 1,2-dibromo-	100	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	106	%Rec	
79016	Ethene, trichloro-	114	%Rec	
75003	Ethyl Chloride	115	%Rec	
100414	Ethylbenzene	107	%Rec	
75694	Freon 11	123	%Rec	
76131	Freon 113	122	%Rec	
75718	Freon 12	107	%Rec	
87683	Hexachlorobutadiene	115	%Rec	
74873	Methane, chloro-	123	%Rec	
67663	Methane, trichloro-	101	%Rec	
1634044	Methyl tert butylether (MTBE)	93	%Rec	
*1330207	MP-Xylene	110	%Rec	
91203	Naphthalene	102	%Rec	
95476	o-Xylene	108	%Rec	
127184	Tetrachloroethene	105	%Rec	
108883	Toluene	100	%Rec	
10061026	Trans-1,3-Dichloropropene	100	%Rec	
75014	Vinyl Chloride	107	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	112	%Rec	
22280735	1,1-Dichloroethylene-d2	100	%Rec	
2199691	1,2-Dichlorobenzene-d4	100	%Rec	
17060070	1,2-Dichloroethane-d4	108	%Rec	
93952080	1,2-dichloropropane-d6	107	%Rec	
202656233	1,3-Dichloropropene-d14	97	%Rec	
24313506	2-Butanone-D5	117	%Rec	
4840828	2-Hexanone-D5	105	%Rec	
1076433	Benzene-D6	106	%Rec	
19199918	Chloroethane-D5	78	%Rec	
865496	Chloroform-D1	113	%Rec	
2037265	Toluene-d8	100	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**66**	%Rec	

Sample Information

11194113 Matrix Spike#2

Description : DPT 5-40 MS/MSD

Sampling Date/Time : 5/10/2011 9:45:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/25/2011 1:13:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	96	%Rec	
71556	1,1,1-Trichloroethane	115	%Rec	
79005	1,1,2-Trichloroethane	113	%Rec	
75343	1,1-Dichloroethane	124	%Rec	
75354	1,1-Dichloroethene	133	%Rec	
87616	1,2,3-Trichlorobenzene	103	%Rec	
96184	1,2,3-Trichloropropane	102	%Rec	
120821	1,2,4-Trichlorobenzene	99	%Rec	
96128	1,2-Dibromo-3-chloropropane	92	%Rec	
107062	1,2-Dichloroethane	127	%Rec	
78875	1,2-Dichloropropane	121	%Rec	
78933	2-Butanone	108	%Rec	
591786	2-Hexanone	114	%Rec	
108101	2-Pentanone, 4-methyl-	113	%Rec	
67641	2-Propanone	149	%Rec	
79209	Acetic acid, methyl ester	128	%Rec	
107131	Acrylonitrile	130	%Rec	
98828	Benzene, (1-methylethyl)-	99	%Rec	
71432	Benzene, (71432)	124	%Rec	
95501	Benzene, 1,2-dichloro-	110	%Rec	
541731	Benzene, 1,3-dichloro-	109	%Rec	
106467	Benzene, 1,4-dichloro-	106	%Rec	
108907	Benzene, chloro-	110	%Rec	
100425	Benzene, ethenyl-	110	%Rec	
74975	Bromochloromethane	104	%Rec	
75274	Bromodichloromethane	111	%Rec	
75252	Bromoform	77	%Rec	
74839	Bromomethane	121	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	107	%Rec	
56235	Carbon Tetrachloride	111	%Rec	
156592	cis-1,2-Dichloroethene	125	%Rec	
10061015	cis-1,3-Dichloropropene	112	%Rec	
110827	Cyclohexane	149	%Rec	
108872	Cyclohexane, methyl-	102	%Rec	
124481	Dibromochloromethane	100	%Rec	
74953	Dibromomethane	128	%Rec	
75092	Dichloromethane	112	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	105	%Rec	
106934	Ethane, 1,2-dibromo-	104	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	112	%Rec	
79016	Ethene, trichloro-	126	%Rec	
75003	Ethyl Chloride	126	%Rec	
100414	Ethylbenzene	108	%Rec	
75694	Freon 11	133	%Rec	
76131	Freon 113	130	%Rec	
75718	Freon 12	120	%Rec	
87683	Hexachlorobutadiene	110	%Rec	
74873	Methane, chloro-	142	%Rec	
67663	Methane, trichloro-	120	%Rec	
1634044	Methyl tert butylether (MTBE)	102	%Rec	
*1330207	MP-Xylene	111	%Rec	
91203	Naphthalene	102	%Rec	
95476	o-Xylene	110	%Rec	
127184	Tetrachloroethene	116	%Rec	
108883	Toluene	106	%Rec	
10061026	Trans-1,3-Dichloropropene	106	%Rec	
75014	Vinyl Chloride	119	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	111	%Rec	
22280735	1,1-Dichloroethylene-d2	110	%Rec	
2199691	1,2-Dichlorobenzene-d4	97	%Rec	
17060070	1,2-Dichloroethane-d4	122	%Rec	
93952080	1,2-dichloropropane-d6	117	%Rec	
202656233	1,3-Dichloropropene-d14	99	%Rec	
24313506	2-Butanone-D5	112	%Rec	
4840828	2-Hexanone-D5	100	%Rec	
1076433	Benzene-D6	118	%Rec	
19199918	Chloroethane-D5	96	%Rec	
865496	Chloroform-D1	119	%Rec	
2037265	Toluene-d8	106	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**90**	%Rec	

Sample Information

11194121 Matrix Spike#2

Description : DPT 9-95 MS/MSD

Sampling Date/Time : 5/11/2011 9:40:00AM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/25/2011 2:21:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	98	%Rec	
71556	1,1,1-Trichloroethane	111	%Rec	
79005	1,1,2-Trichloroethane	104	%Rec	
75343	1,1-Dichloroethane	113	%Rec	
75354	1,1-Dichloroethene	122	%Rec	
87616	1,2,3-Trichlorobenzene	100	%Rec	
96184	1,2,3-Trichloropropane	98	%Rec	
120821	1,2,4-Trichlorobenzene	96	%Rec	
96128	1,2-Dibromo-3-chloropropane	94	%Rec	
107062	1,2-Dichloroethane	113	%Rec	
78875	1,2-Dichloropropane	109	%Rec	
78933	2-Butanone	115	%Rec	
591786	2-Hexanone	101	%Rec	
108101	2-Pentanone, 4-methyl-	100	%Rec	
67641	2-Propanone	172	%Rec	
79209	Acetic acid, methyl ester	112	%Rec	
107131	Acrylonitrile	114	%Rec	
98828	Benzene, (1-methylethyl)-	95	%Rec	
71432	Benzene, (71432)	113	%Rec	
95501	Benzene, 1,2-dichloro-	108	%Rec	
541731	Benzene, 1,3-dichloro-	105	%Rec	
106467	Benzene, 1,4-dichloro-	106	%Rec	
108907	Benzene, chloro-	104	%Rec	
100425	Benzene, ethenyl-	108	%Rec	
74975	Bromochloromethane	103	%Rec	
75274	Bromodichloromethane	104	%Rec	
75252	Bromoform	77	%Rec	
74839	Bromomethane	114	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	**104**	%Rec	
56235	Carbon Tetrachloride	**108**	%Rec	
156592	cis-1,2-Dichloroethene	**116**	%Rec	
10061015	cis-1,3-Dichloropropene	**101**	%Rec	
110827	Cyclohexane	**128**	%Rec	
108872	Cyclohexane, methyl-	**108**	%Rec	
124481	Dibromochloromethane	**95**	%Rec	
74953	Dibromomethane	**113**	%Rec	
75092	Dichloromethane	**108**	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	**102**	%Rec	
106934	Ethane, 1,2-dibromo-	**100**	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	**106**	%Rec	
79016	Ethene, trichloro-	**109**	%Rec	
75003	Ethyl Chloride	**117**	%Rec	
100414	Ethylbenzene	**105**	%Rec	
75694	Freon 11	**122**	%Rec	
76131	Freon 113	**125**	%Rec	
75718	Freon 12	**107**	%Rec	
87683	Hexachlorobutadiene	**108**	%Rec	
74873	Methane, chloro-	**126**	%Rec	
67663	Methane, trichloro-	**105**	%Rec	
1634044	Methyl tert butylether (MTBE)	**95**	%Rec	
*1330207	MP-Xylene	**112**	%Rec	
91203	Naphthalene	**94**	%Rec	
95476	o-Xylene	**113**	%Rec	
127184	Tetrachloroethene	**110**	%Rec	
108883	Toluene	**100**	%Rec	
10061026	Trans-1,3-Dichloropropene	**99**	%Rec	
75014	Vinyl Chloride	**107**	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**110**	%Rec	
22280735	1,1-Dichloroethylene-d2	**101**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**109**	%Rec	
93952080	1,2-dichloropropane-d6	**105**	%Rec	
202656233	1,3-Dichloropropene-d14	**96**	%Rec	
24313506	2-Butanone-D5	**114**	%Rec	
4840828	2-Hexanone-D5	**97**	%Rec	
1076433	Benzene-D6	**104**	%Rec	
19199918	Chloroethane-D5	**82**	%Rec	
865496	Chloroform-D1	**114**	%Rec	
2037265	Toluene-d8	**100**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**73**	%Rec	

Sample Information

11204120 Matrix Spike#2

Description : DPT 18-80 MS/MSD

Sampling Date/Time : 5/18/2011 4:40:00PM
Matrix : Water
Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/25/2011 3:30:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	**100**	%Rec	
71556	1,1,1-Trichloroethane	**116**	%Rec	
79005	1,1,2-Trichloroethane	**109**	%Rec	
75343	1,1-Dichloroethane	**122**	%Rec	
75354	1,1-Dichloroethene	**127**	%Rec	
87616	1,2,3-Trichlorobenzene	**101**	%Rec	
96184	1,2,3-Trichloropropane	**107**	%Rec	
120821	1,2,4-Trichlorobenzene	**99**	%Rec	
96128	1,2-Dibromo-3-chloropropane	**100**	%Rec	
107062	1,2-Dichloroethane	**122**	%Rec	
78875	1,2-Dichloropropane	**116**	%Rec	
78933	2-Butanone	**121**	%Rec	
591786	2-Hexanone	**118**	%Rec	
108101	2-Pentanone, 4-methyl-	**115**	%Rec	
67641	2-Propanone	**163**	%Rec	
79209	Acetic acid, methyl ester	**125**	%Rec	
107131	Acrylonitrile	**129**	%Rec	
98828	Benzene, (1-methylethyl)-	**103**	%Rec	
71432	Benzene, (71432)	**119**	%Rec	
95501	Benzene, 1,2-dichloro-	**110**	%Rec	
541731	Benzene, 1,3-dichloro-	**109**	%Rec	
106467	Benzene, 1,4-dichloro-	**105**	%Rec	
108907	Benzene, chloro-	**108**	%Rec	
100425	Benzene, ethenyl-	**103**	%Rec	
74975	Bromochloromethane	**104**	%Rec	
75274	Bromodichloromethane	**109**	%Rec	
75252	Bromoform	**86**	%Rec	
74839	Bromomethane	**117**	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	113	%Rec	
56235	Carbon Tetrachloride	108	%Rec	
156592	cis-1,2-Dichloroethene	121	%Rec	
10061015	cis-1,3-Dichloropropene	110	%Rec	
110827	Cyclohexane	146	%Rec	
108872	Cyclohexane, methyl-	110	%Rec	
124481	Dibromochloromethane	97	%Rec	
74953	Dibromomethane	122	%Rec	
75092	Dichloromethane	111	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	109	%Rec	
106934	Ethane, 1,2-dibromo-	100	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	110	%Rec	
79016	Ethene, trichloro-	119	%Rec	
75003	Ethyl Chloride	122	%Rec	
100414	Ethylbenzene	107	%Rec	
75694	Freon 11	130	%Rec	
76131	Freon 113	134	%Rec	
75718	Freon 12	109	%Rec	
87683	Hexachlorobutadiene	112	%Rec	
74873	Methane, chloro-	135	%Rec	
67663	Methane, trichloro-	108	%Rec	
1634044	Methyl tert butylether (MTBE)	100	%Rec	
*1330207	MP-Xylene	108	%Rec	
91203	Naphthalene	105	%Rec	
95476	o-Xylene	108	%Rec	
127184	Tetrachloroethene	105	%Rec	
108883	Toluene	104	%Rec	
10061026	Trans-1,3-Dichloropropene	103	%Rec	
75014	Vinyl Chloride	112	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	116	%Rec	
22280735	1,1-Dichloroethylene-d2	99	%Rec	
2199691	1,2-Dichlorobenzene-d4	98	%Rec	
17060070	1,2-Dichloroethane-d4	115	%Rec	
93952080	1,2-dichloropropane-d6	111	%Rec	
202656233	1,3-Dichloropropene-d14	99	%Rec	
24313506	2-Butanone-D5	129	%Rec	
4840828	2-Hexanone-D5	107	%Rec	
1076433	Benzene-D6	108	%Rec	
19199918	Chloroethane-D5	80	%Rec	
865496	Chloroform-D1	119	%Rec	
2037265	Toluene-d8	103	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**67**	%Rec	

Sample Information

BW1137A3 Blank

Description : Blank

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/17/2011 8:13:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051711

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	1.0	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	1.0	ug/L	U
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	**0.37**	ug/L	J
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**106**	%Rec	
22280735	1,1-Dichloroethylene-d2	**64**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**101**	%Rec	
93952080	1,2-dichloropropane-d6	**99**	%Rec	
202656233	1,3-Dichloropropene-d14	**95**	%Rec	
24313506	2-Butanone-D5	**110**	%Rec	
4840828	2-Hexanone-D5	**114**	%Rec	
1076433	Benzene-D6	**93**	%Rec	
19199918	Chloroethane-D5	**66**	%Rec	
865496	Chloroform-D1	**104**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**40**	%Rec	

Sample Information

BW1138A2 Blank

Description : Blank

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 10:31:00AM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	1.0	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	0.50	ug/L	U
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	1.0	ug/L	U
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	0.50	ug/L	U
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**107**	%Rec	
22280735	1,1-Dichloroethylene-d2	**91**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**107**	%Rec	
93952080	1,2-dichloropropane-d6	**97**	%Rec	
202656233	1,3-Dichloropropene-d14	**98**	%Rec	
24313506	2-Butanone-D5	**113**	%Rec	
4840828	2-Hexanone-D5	**119**	%Rec	
1076433	Benzene-D6	**98**	%Rec	
19199918	Chloroethane-D5	**116**	%Rec	
865496	Chloroform-D1	**105**	%Rec	
2037265	Toluene-d8	**100**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**104**	%Rec	

Sample Information

BW1139B2 Blank

Description : Blank

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/19/2011 4:49:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	1.0	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	0.50	ug/L	U
87616	1,2,3-Trichlorobenzene	1.0	ug/L	U
96184	1,2,3-Trichloropropane	0.50	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	1.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	1.0	ug/L	U
78933	2-Butanone	**0.67**	ug/L	J
591786	2-Hexanone	1.0	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	1.0	ug/L	U
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	1.0	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	1.0	ug/L	U
100425	Benzene, ethenyl-	0.50	ug/L	U
74975	Bromochloromethane	1.0	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	0.50	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	5.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	1.0	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	1.0	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	1.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	2.0	ug/L	U
76131	Freon 113	2.0	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	**0.3**	ug/L	J
1634044	Methyl tert butylether (MTBE)	0.50	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	**0.32**	ug/L	J
95476	o-Xylene	1.0	ug/L	U
127184	Tetrachloroethene	1.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**104**	%Rec	
22280735	1,1-Dichloroethylene-d2	**69**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**113**	%Rec	
93952080	1,2-dichloropropane-d6	**100**	%Rec	
202656233	1,3-Dichloropropene-d14	**87**	%Rec	
24313506	2-Butanone-D5	**103**	%Rec	
4840828	2-Hexanone-D5	**117**	%Rec	
1076433	Benzene-D6	**99**	%Rec	
19199918	Chloroethane-D5	**70**	%Rec	
865496	Chloroform-D1	**101**	%Rec	
2037265	Toluene-d8	**99**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**41**	%Rec	

Sample Information

BW1143A3 Blank

Description : Blank

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/23/2011 4:37:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052311

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	**0.41**	ug/L	J
591786	2-Hexanone	**0.25**	ug/L	J
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	1.0	ug/L	U
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	**0.86**	ug/L	
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	2.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	1.0	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	**0.14**	ug/L	J
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**99**	%Rec	
22280735	1,1-Dichloroethylene-d2	**77**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**96**	%Rec	
93952080	1,2-dichloropropane-d6	**99**	%Rec	
202656233	1,3-Dichloropropene-d14	**92**	%Rec	
24313506	2-Butanone-D5	**99**	%Rec	
4840828	2-Hexanone-D5	**102**	%Rec	
1076433	Benzene-D6	**99**	%Rec	
19199918	Chloroethane-D5	**77**	%Rec	
865496	Chloroform-D1	**101**	%Rec	
2037265	Toluene-d8	**97**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**58**	%Rec	

Sample Information

BW1144A1 Blank

Description : Blank

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 12:26:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	**0.30**	ug/L	J
591786	2-Hexanone	**0.43**	ug/L	J
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	1.0	ug/L	U
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	**0.86**	ug/L	
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.5	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	2.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	**0.25**	ug/L	J
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**106**	%Rec	
22280735	1,1-Dichloroethylene-d2	**106**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**96**	%Rec	
17060070	1,2-Dichloroethane-d4	**111**	%Rec	
93952080	1,2-dichloropropane-d6	**104**	%Rec	
202656233	1,3-Dichloropropene-d14	**95**	%Rec	
24313506	2-Butanone-D5	**108**	%Rec	
4840828	2-Hexanone-D5	**107**	%Rec	
1076433	Benzene-D6	**108**	%Rec	
19199918	Chloroethane-D5	**135**	%Rec	
865496	Chloroform-D1	**111**	%Rec	
2037265	Toluene-d8	**95**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**147**	%Rec	

Sample Information

BW1145A2 Blank

Description : Blank

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/25/2011 9:48:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Target Results

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	0.50	ug/L	U
71556	1,1,1-Trichloroethane	0.50	ug/L	U
79005	1,1,2-Trichloroethane	1.0	ug/L	U
75343	1,1-Dichloroethane	0.50	ug/L	U
75354	1,1-Dichloroethene	2.0	ug/L	U
87616	1,2,3-Trichlorobenzene	0.50	ug/L	U
96184	1,2,3-Trichloropropane	2.0	ug/L	U
120821	1,2,4-Trichlorobenzene	0.50	ug/L	U
96128	1,2-Dibromo-3-chloropropane	2.0	ug/L	U
107062	1,2-Dichloroethane	0.50	ug/L	U
78875	1,2-Dichloropropane	0.50	ug/L	U
78933	2-Butanone	2.0	ug/L	U
591786	2-Hexanone	0.50	ug/L	U
108101	2-Pentanone, 4-methyl-	0.50	ug/L	U
67641	2-Propanone	1.0	ug/L	U
79209	Acetic acid, methyl ester	0.50	ug/L	U
107131	Acrylonitrile	0.50	ug/L	U
98828	Benzene, (1-methylethyl)-	0.50	ug/L	U
71432	Benzene, (71432)	0.50	ug/L	U
95501	Benzene, 1,2-dichloro-	0.50	ug/L	U
541731	Benzene, 1,3-dichloro-	0.50	ug/L	U
106467	Benzene, 1,4-dichloro-	0.50	ug/L	U
108907	Benzene, chloro-	0.50	ug/L	U
100425	Benzene, ethenyl-	1.0	ug/L	U
74975	Bromochloromethane	0.50	ug/L	U
75274	Bromodichloromethane	0.50	ug/L	U
75252	Bromoform	0.50	ug/L	U
74839	Bromomethane	0.50	ug/L	U

VOA

Target Results (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	0.50	ug/L	U
56235	Carbon Tetrachloride	0.50	ug/L	U
156592	cis-1,2-Dichloroethene	0.50	ug/L	U
10061015	cis-1,3-Dichloropropene	0.50	ug/L	U
110827	Cyclohexane	1.0	ug/L	U
108872	Cyclohexane, methyl-	1.0	ug/L	U
124481	Dibromochloromethane	0.50	ug/L	U
74953	Dibromomethane	0.50	ug/L	U
75092	Dichloromethane	1.0	ug/L	U
79345	Ethane, 1,1,2,2-tetrachloro-	1.0	ug/L	U
106934	Ethane, 1,2-dibromo-	0.50	ug/L	U
156605	Ethene, 1,2-dichloro-, (E)-	0.50	ug/L	U
79016	Ethene, trichloro-	0.50	ug/L	U
75003	Ethyl Chloride	2.0	ug/L	U
100414	Ethylbenzene	0.50	ug/L	U
75694	Freon 11	1.0	ug/L	U
76131	Freon 113	0.50	ug/L	U
75718	Freon 12	2.0	ug/L	U
87683	Hexachlorobutadiene	2.0	ug/L	U
74873	Methane, chloro-	0.50	ug/L	U
67663	Methane, trichloro-	0.50	ug/L	U
1634044	Methyl tert butylether (MTBE)	1.0	ug/L	U
*1330207	MP-Xylene	1.0	ug/L	U
91203	Naphthalene	**0.26**	ug/L	J
95476	o-Xylene	0.50	ug/L	U
127184	Tetrachloroethene	2.0	ug/L	U
108883	Toluene	0.50	ug/L	U
10061026	Trans-1,3-Dichloropropene	0.50	ug/L	U
75014	Vinyl Chloride	0.50	ug/L	U

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**103**	%Rec	
22280735	1,1-Dichloroethylene-d2	**100**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**117**	%Rec	
93952080	1,2-dichloropropane-d6	**111**	%Rec	
202656233	1,3-Dichloropropene-d14	**89**	%Rec	
24313506	2-Butanone-D5	**125**	%Rec	
4840828	2-Hexanone-D5	**111**	%Rec	
1076433	Benzene-D6	**109**	%Rec	
19199918	Chloroethane-D5	**133**	%Rec	
865496	Chloroform-D1	**112**	%Rec	
2037265	Toluene-d8	**103**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**136**	%Rec	

Sample Information

LCS1137A5 Lab Control Std

Description : Lab Control Standard

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 3:02:00AM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	97	%Rec	
71556	1,1,1-Trichloroethane	99	%Rec	
79005	1,1,2-Trichloroethane	97	%Rec	
75343	1,1-Dichloroethane	115	%Rec	
75354	1,1-Dichloroethene	105	%Rec	
87616	1,2,3-Trichlorobenzene	90	%Rec	
96184	1,2,3-Trichloropropane	104	%Rec	
120821	1,2,4-Trichlorobenzene	90	%Rec	
96128	1,2-Dibromo-3-chloropropane	92	%Rec	
107062	1,2-Dichloroethane	115	%Rec	
78875	1,2-Dichloropropane	102	%Rec	
78933	2-Butanone	100	%Rec	
591786	2-Hexanone	64	%Rec	
108101	2-Pentanone, 4-methyl-	98	%Rec	
67641	2-Propanone	105	%Rec	
79209	Acetic acid, methyl ester	104	%Rec	
107131	Acrylonitrile	116	%Rec	
98828	Benzene, (1-methylethyl)-	95	%Rec	
71432	Benzene, (71432)	103	%Rec	
95501	Benzene, 1,2-dichloro-	99	%Rec	
541731	Benzene, 1,3-dichloro-	103	%Rec	
106467	Benzene, 1,4-dichloro-	102	%Rec	
108907	Benzene, chloro-	105	%Rec	
100425	Benzene, ethenyl-	99	%Rec	
74975	Bromochloromethane	119	%Rec	
75274	Bromodichloromethane	97	%Rec	
75252	Bromoform	91	%Rec	
74839	Bromomethane	105	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	96	%Rec	
56235	Carbon Tetrachloride	92	%Rec	
156592	cis-1,2-Dichloroethene	111	%Rec	
10061015	cis-1,3-Dichloropropene	92	%Rec	
110827	Cyclohexane	100	%Rec	
108872	Cyclohexane, methyl-	95	%Rec	
124481	Dibromochloromethane	96	%Rec	
74953	Dibromomethane	105	%Rec	
75092	Dichloromethane	111	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	96	%Rec	
106934	Ethane, 1,2-dibromo-	102	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	115	%Rec	
79016	Ethene, trichloro-	99	%Rec	
75003	Ethyl Chloride	112	%Rec	
100414	Ethylbenzene	97	%Rec	
75694	Freon 11	112	%Rec	
76131	Freon 113	109	%Rec	
75718	Freon 12	120	%Rec	
87683	Hexachlorobutadiene	101	%Rec	
74873	Methane, chloro-	106	%Rec	
67663	Methane, trichloro-	108	%Rec	
1634044	Methyl tert butylether (MTBE)	113	%Rec	
*1330207	MP-Xylene	99	%Rec	
91203	Naphthalene	92	%Rec	
95476	o-Xylene	98	%Rec	
127184	Tetrachloroethene	101	%Rec	
108883	Toluene	95	%Rec	
10061026	Trans-1,3-Dichloropropene	93	%Rec	
75014	Vinyl Chloride	101	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	106	%Rec	
22280735	1,1-Dichloroethylene-d2	51	%Rec	
2199691	1,2-Dichlorobenzene-d4	102	%Rec	
17060070	1,2-Dichloroethane-d4	101	%Rec	
93952080	1,2-dichloropropane-d6	96	%Rec	
202656233	1,3-Dichloropropene-d14	92	%Rec	
24313506	2-Butanone-D5	100	%Rec	
4840828	2-Hexanone-D5	105	%Rec	
1076433	Benzene-D6	86	%Rec	
19199918	Chloroethane-D5	29	%Rec	
865496	Chloroform-D1	100	%Rec	
2037265	Toluene-d8	95	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**12**	%Rec	

Sample Information

LCS1138A1 Lab Control Std

Description : Lab Control Standard

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 9:57:00AM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	114	%Rec	
71556	1,1,1-Trichloroethane	112	%Rec	
79005	1,1,2-Trichloroethane	107	%Rec	
75343	1,1-Dichloroethane	121	%Rec	
75354	1,1-Dichloroethene	110	%Rec	
87616	1,2,3-Trichlorobenzene	104	%Rec	
96184	1,2,3-Trichloropropane	111	%Rec	
120821	1,2,4-Trichlorobenzene	106	%Rec	
96128	1,2-Dibromo-3-chloropropane	104	%Rec	
107062	1,2-Dichloroethane	121	%Rec	
78875	1,2-Dichloropropane	112	%Rec	
78933	2-Butanone	105	%Rec	
591786	2-Hexanone	73	%Rec	
108101	2-Pentanone, 4-methyl-	115	%Rec	
67641	2-Propanone	107	%Rec	
79209	Acetic acid, methyl ester	119	%Rec	
107131	Acrylonitrile	138	%Rec	
98828	Benzene, (1-methylethyl)-	11	%Rec	
71432	Benzene, (71432)	114	%Rec	
95501	Benzene, 1,2-dichloro-	110	%Rec	
541731	Benzene, 1,3-dichloro-	114	%Rec	
106467	Benzene, 1,4-dichloro-	114	%Rec	
108907	Benzene, chloro-	118	%Rec	
100425	Benzene, ethenyl-	113	%Rec	
74975	Bromochloromethane	122	%Rec	
75274	Bromodichloromethane	111	%Rec	
75252	Bromoform	110	%Rec	
74839	Bromomethane	114	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	**103**	%Rec	
56235	Carbon Tetrachloride	**110**	%Rec	
156592	cis-1,2-Dichloroethene	**116**	%Rec	
10061015	cis-1,3-Dichloropropene	**118**	%Rec	
110827	Cyclohexane	**116**	%Rec	
108872	Cyclohexane, methyl-	**119**	%Rec	
124481	Dibromochloromethane	**113**	%Rec	
74953	Dibromomethane	**122**	%Rec	
75092	Dichloromethane	**117**	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	**113**	%Rec	
106934	Ethane, 1,2-dibromo-	**115**	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	**119**	%Rec	
79016	Ethene, trichloro-	**105**	%Rec	
75003	Ethyl Chloride	**123**	%Rec	
100414	Ethylbenzene	**112**	%Rec	
75694	Freon 11	**121**	%Rec	
76131	Freon 113	**122**	%Rec	
75718	Freon 12	**134**	%Rec	
87683	Hexachlorobutadiene	**119**	%Rec	
74873	Methane, chloro-	**114**	%Rec	
67663	Methane, trichloro-	**111**	%Rec	
1634044	Methyl tert butylether (MTBE)	**115**	%Rec	
*1330207	MP-Xylene	**113**	%Rec	
91203	Naphthalene	**108**	%Rec	
95476	o-Xylene	**111**	%Rec	
127184	Tetrachloroethene	**109**	%Rec	
108883	Toluene	**106**	%Rec	
10061026	Trans-1,3-Dichloropropene	**120**	%Rec	
75014	Vinyl Chloride	**108**	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**111**	%Rec	
22280735	1,1-Dichloroethylene-d2	**105**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**102**	%Rec	
17060070	1,2-Dichloroethane-d4	**105**	%Rec	
93952080	1,2-dichloropropane-d6	**103**	%Rec	
202656233	1,3-Dichloropropene-d14	**101**	%Rec	
24313506	2-Butanone-D5	**112**	%Rec	
4840828	2-Hexanone-D5	**118**	%Rec	
1076433	Benzene-D6	**103**	%Rec	
19199918	Chloroethane-D5	**104**	%Rec	
865496	Chloroform-D1	**107**	%Rec	
2037265	Toluene-d8	**102**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**113**	%Rec	

Sample Information

LCS1139A1 Lab Control Std

Description : Lab Control Standard

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/19/2011 4:15:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	98	%Rec	
71556	1,1,1-Trichloroethane	98	%Rec	
79005	1,1,2-Trichloroethane	110	%Rec	
75343	1,1-Dichloroethane	111	%Rec	
75354	1,1-Dichloroethene	96	%Rec	
87616	1,2,3-Trichlorobenzene	105	%Rec	
96184	1,2,3-Trichloropropane	121	%Rec	
120821	1,2,4-Trichlorobenzene	110	%Rec	
96128	1,2-Dibromo-3-chloropropane	103	%Rec	
107062	1,2-Dichloroethane	123	%Rec	
78875	1,2-Dichloropropane	121	%Rec	
78933	2-Butanone	114	%Rec	
591786	2-Hexanone	109	%Rec	
108101	2-Pentanone, 4-methyl-	113	%Rec	
67641	2-Propanone	124	%Rec	
79209	Acetic acid, methyl ester	119	%Rec	
107131	Acrylonitrile	134	%Rec	
98828	Benzene, (1-methylethyl)-	113	%Rec	
71432	Benzene, (71432)	119	%Rec	
95501	Benzene, 1,2-dichloro-	112	%Rec	
541731	Benzene, 1,3-dichloro-	114	%Rec	
106467	Benzene, 1,4-dichloro-	114	%Rec	
108907	Benzene, chloro-	116	%Rec	
100425	Benzene, ethenyl-	108	%Rec	
74975	Bromochloromethane	112	%Rec	
75274	Bromodichloromethane	104	%Rec	
75252	Bromoform	88	%Rec	
74839	Bromomethane	118	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	**114**	%Rec	
56235	Carbon Tetrachloride	**89**	%Rec	
156592	cis-1,2-Dichloroethene	**114**	%Rec	
10061015	cis-1,3-Dichloropropene	**100**	%Rec	
110827	Cyclohexane	**128**	%Rec	
108872	Cyclohexane, methyl-	**101**	%Rec	
124481	Dibromochloromethane	**94**	%Rec	
74953	Dibromomethane	**115**	%Rec	
75092	Dichloromethane	**102**	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	**109**	%Rec	
106934	Ethane, 1,2-dibromo-	**108**	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	**102**	%Rec	
79016	Ethene, trichloro-	**129**	%Rec	
75003	Ethyl Chloride	**127**	%Rec	
100414	Ethylbenzene	**112**	%Rec	
75694	Freon 11	**126**	%Rec	
76131	Freon 113	**121**	%Rec	
75718	Freon 12	**126**	%Rec	
87683	Hexachlorobutadiene	**107**	%Rec	
74873	Methane, chloro-	**132**	%Rec	
67663	Methane, trichloro-	**120**	%Rec	
1634044	Methyl tert butylether (MTBE)	**112**	%Rec	
*1330207	MP-Xylene	**113**	%Rec	
91203	Naphthalene	**108**	%Rec	
95476	o-Xylene	**113**	%Rec	
127184	Tetrachloroethene	**124**	%Rec	
108883	Toluene	**114**	%Rec	
10061026	Trans-1,3-Dichloropropene	**94**	%Rec	
75014	Vinyl Chloride	**119**	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**99**	%Rec	
22280735	1,1-Dichloroethylene-d2	**77**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**100**	%Rec	
17060070	1,2-Dichloroethane-d4	**108**	%Rec	
93952080	1,2-dichloropropane-d6	**106**	%Rec	
202656233	1,3-Dichloropropene-d14	**88**	%Rec	
24313506	2-Butanone-D5	**86**	%Rec	
4840828	2-Hexanone-D5	**97**	%Rec	
1076433	Benzene-D6	**105**	%Rec	
19199918	Chloroethane-D5	**62**	%Rec	
865496	Chloroform-D1	**98**	%Rec	
2037265	Toluene-d8	**102**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**44**	%Rec	

Sample Information

LCS1143A1 Lab Control Std

Description : Lab Control Standard

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/23/2011 11:28:00PM

Batch ID: A-8260-M-DATA\2-SRE-052311

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	98	%Rec	
71556	1,1,1-Trichloroethane	106	%Rec	
79005	1,1,2-Trichloroethane	103	%Rec	
75343	1,1-Dichloroethane	113	%Rec	
75354	1,1-Dichloroethene	123	%Rec	
87616	1,2,3-Trichlorobenzene	92	%Rec	
96184	1,2,3-Trichloropropane	102	%Rec	
120821	1,2,4-Trichlorobenzene	91	%Rec	
96128	1,2-Dibromo-3-chloropropane	83	%Rec	
107062	1,2-Dichloroethane	109	%Rec	
78875	1,2-Dichloropropane	110	%Rec	
78933	2-Butanone	93	%Rec	
591786	2-Hexanone	62	%Rec	
108101	2-Pentanone, 4-methyl-	104	%Rec	
67641	2-Propanone	109	%Rec	
79209	Acetic acid, methyl ester	107	%Rec	
107131	Acrylonitrile	119	%Rec	
98828	Benzene, (1-methylethyl)-	97	%Rec	
71432	Benzene, (71432)	112	%Rec	
95501	Benzene, 1,2-dichloro-	101	%Rec	
541731	Benzene, 1,3-dichloro-	102	%Rec	
106467	Benzene, 1,4-dichloro-	99	%Rec	
108907	Benzene, chloro-	106	%Rec	
100425	Benzene, ethenyl-	102	%Rec	
74975	Bromochloromethane	115	%Rec	
75274	Bromodichloromethane	104	%Rec	
75252	Bromoform	84	%Rec	
74839	Bromomethane	95	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	99	%Rec	
56235	Carbon Tetrachloride	100	%Rec	
156592	cis-1,2-Dichloroethene	114	%Rec	
10061015	cis-1,3-Dichloropropene	100	%Rec	
110827	Cyclohexane	128	%Rec	
108872	Cyclohexane, methyl-	118	%Rec	
124481	Dibromochloromethane	95	%Rec	
74953	Dibromomethane	114	%Rec	
75092	Dichloromethane	104	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	94	%Rec	
106934	Ethane, 1,2-dibromo-	100	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	122	%Rec	
79016	Ethene, trichloro-	106	%Rec	
75003	Ethyl Chloride	127	%Rec	
100414	Ethylbenzene	102	%Rec	
75694	Freon 11	73	%Rec	
76131	Freon 113	114	%Rec	
75718	Freon 12	120	%Rec	
87683	Hexachlorobutadiene	118	%Rec	
74873	Methane, chloro-	111	%Rec	
67663	Methane, trichloro-	107	%Rec	
1634044	Methyl tert butylether (MTBE)	116	%Rec	
*1330207	MP-Xylene	103	%Rec	
91203	Naphthalene	93	%Rec	
95476	o-Xylene	103	%Rec	
127184	Tetrachloroethene	117	%Rec	
108883	Toluene	101	%Rec	
10061026	Trans-1,3-Dichloropropene	95	%Rec	
75014	Vinyl Chloride	101	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	100	%Rec	
22280735	1,1-Dichloroethylene-d2	70	%Rec	
2199691	1,2-Dichlorobenzene-d4	97	%Rec	
17060070	1,2-Dichloroethane-d4	102	%Rec	
93952080	1,2-dichloropropane-d6	105	%Rec	
202656233	1,3-Dichloropropene-d14	95	%Rec	
24313506	2-Butanone-D5	100	%Rec	
4840828	2-Hexanone-D5	82	%Rec	
1076433	Benzene-D6	96	%Rec	
19199918	Chloroethane-D5	48	%Rec	
865496	Chloroform-D1	100	%Rec	
2037265	Toluene-d8	99	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**26**	%Rec	

Sample Information

LCS1144A1 Lab Control Std

Description : Lab Control Standard

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 11:52:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	101	%Rec	
71556	1,1,1-Trichloroethane	107	%Rec	
79005	1,1,2-Trichloroethane	100	%Rec	
75343	1,1-Dichloroethane	104	%Rec	
75354	1,1-Dichloroethene	114	%Rec	
87616	1,2,3-Trichlorobenzene	100	%Rec	
96184	1,2,3-Trichloropropane	105	%Rec	
120821	1,2,4-Trichlorobenzene	98	%Rec	
96128	1,2-Dibromo-3-chloropropane	93	%Rec	
107062	1,2-Dichloroethane	107	%Rec	
78875	1,2-Dichloropropane	105	%Rec	
78933	2-Butanone	88	%Rec	
591786	2-Hexanone	95	%Rec	
108101	2-Pentanone, 4-methyl-	105	%Rec	
67641	2-Propanone	107	%Rec	
79209	Acetic acid, methyl ester	109	%Rec	
107131	Acrylonitrile	115	%Rec	
98828	Benzene, (1-methylethyl)-	97	%Rec	
71432	Benzene, (71432)	108	%Rec	
95501	Benzene, 1,2-dichloro-	106	%Rec	
541731	Benzene, 1,3-dichloro-	106	%Rec	
106467	Benzene, 1,4-dichloro-	104	%Rec	
108907	Benzene, chloro-	106	%Rec	
100425	Benzene, ethenyl-	103	%Rec	
74975	Bromochloromethane	95	%Rec	
75274	Bromodichloromethane	103	%Rec	
75252	Bromoform	89	%Rec	
74839	Bromomethane	99	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	**93**	%Rec	
56235	Carbon Tetrachloride	**106**	%Rec	
156592	cis-1,2-Dichloroethene	**106**	%Rec	
10061015	cis-1,3-Dichloropropene	**109**	%Rec	
110827	Cyclohexane	**124**	%Rec	
108872	Cyclohexane, methyl-	**108**	%Rec	
124481	Dibromochloromethane	**98**	%Rec	
74953	Dibromomethane	**116**	%Rec	
75092	Dichloromethane	**99**	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	**96**	%Rec	
106934	Ethane, 1,2-dibromo-	**101**	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	**95**	%Rec	
79016	Ethene, trichloro-	**105**	%Rec	
75003	Ethyl Chloride	**109**	%Rec	
100414	Ethylbenzene	**101**	%Rec	
75694	Freon 11	**113**	%Rec	
76131	Freon 113	**117**	%Rec	
75718	Freon 12	**108**	%Rec	
87683	Hexachlorobutadiene	**107**	%Rec	
74873	Methane, chloro-	**113**	%Rec	
67663	Methane, trichloro-	**99**	%Rec	
1634044	Methyl tert butylether (MTBE)	**91**	%Rec	
*1330207	MP-Xylene	**103**	%Rec	
91203	Naphthalene	**100**	%Rec	
95476	o-Xylene	**103**	%Rec	
127184	Tetrachloroethene	**112**	%Rec	
108883	Toluene	**101**	%Rec	
10061026	Trans-1,3-Dichloropropene	**103**	%Rec	
75014	Vinyl Chloride	**101**	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**104**	%Rec	
22280735	1,1-Dichloroethylene-d2	**118**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**107**	%Rec	
93952080	1,2-dichloropropane-d6	**106**	%Rec	
202656233	1,3-Dichloropropene-d14	**101**	%Rec	
24313506	2-Butanone-D5	**106**	%Rec	
4840828	2-Hexanone-D5	**85**	%Rec	
1076433	Benzene-D6	**109**	%Rec	
19199918	Chloroethane-D5	**121**	%Rec	
865496	Chloroform-D1	**109**	%Rec	
2037265	Toluene-d8	**105**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**153**	%Rec	

Sample Information

LCS1145A1 Lab Control Std

Description : Lab Control Standard

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/25/2011 9:13:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	100	%Rec	
71556	1,1,1-Trichloroethane	116	%Rec	
79005	1,1,2-Trichloroethane	110	%Rec	
75343	1,1-Dichloroethane	110	%Rec	
75354	1,1-Dichloroethene	111	%Rec	
87616	1,2,3-Trichlorobenzene	100	%Rec	
96184	1,2,3-Trichloropropane	102	%Rec	
120821	1,2,4-Trichlorobenzene	95	%Rec	
96128	1,2-Dibromo-3-chloropropane	93	%Rec	
107062	1,2-Dichloroethane	114	%Rec	
78875	1,2-Dichloropropane	113	%Rec	
78933	2-Butanone	86	%Rec	
591786	2-Hexanone	95	%Rec	
108101	2-Pentanone, 4-methyl-	101	%Rec	
67641	2-Propanone	115	%Rec	
79209	Acetic acid, methyl ester	113	%Rec	
107131	Acrylonitrile	117	%Rec	
98828	Benzene, (1-methylethyl)-	94	%Rec	
71432	Benzene, (71432)	112	%Rec	
95501	Benzene, 1,2-dichloro-	105	%Rec	
541731	Benzene, 1,3-dichloro-	107	%Rec	
106467	Benzene, 1,4-dichloro-	104	%Rec	
108907	Benzene, chloro-	103	%Rec	
100425	Benzene, ethenyl-	99	%Rec	
74975	Bromochloromethane	97	%Rec	
75274	Bromodichloromethane	112	%Rec	
75252	Bromoform	86	%Rec	
74839	Bromomethane	101	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	92	%Rec	
56235	Carbon Tetrachloride	109	%Rec	
156592	cis-1,2-Dichloroethene	106	%Rec	
10061015	cis-1,3-Dichloropropene	108	%Rec	
110827	Cyclohexane	128	%Rec	
108872	Cyclohexane, methyl-	98	%Rec	
124481	Dibromochloromethane	100	%Rec	
74953	Dibromomethane	123	%Rec	
75092	Dichloromethane	101	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	98	%Rec	
106934	Ethane, 1,2-dibromo-	98	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	98	%Rec	
79016	Ethene, trichloro-	113	%Rec	
75003	Ethyl Chloride	109	%Rec	
100414	Ethylbenzene	97	%Rec	
75694	Freon 11	117	%Rec	
76131	Freon 113	116	%Rec	
75718	Freon 12	104	%Rec	
87683	Hexachlorobutadiene	108	%Rec	
74873	Methane, chloro-	123	%Rec	
67663	Methane, trichloro-	105	%Rec	
1634044	Methyl tert butylether (MTBE)	89	%Rec	
*1330207	MP-Xylene	101	%Rec	
91203	Naphthalene	98	%Rec	
95476	o-Xylene	100	%Rec	
127184	Tetrachloroethene	117	%Rec	
108883	Toluene	99	%Rec	
10061026	Trans-1,3-Dichloropropene	104	%Rec	
75014	Vinyl Chloride	99	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	105	%Rec	
22280735	1,1-Dichloroethylene-d2	119	%Rec	
2199691	1,2-Dichlorobenzene-d4	99	%Rec	
17060070	1,2-Dichloroethane-d4	113	%Rec	
93952080	1,2-dichloropropane-d6	115	%Rec	
202656233	1,3-Dichloropropene-d14	99	%Rec	
24313506	2-Butanone-D5	103	%Rec	
4840828	2-Hexanone-D5	92	%Rec	
1076433	Benzene-D6	116	%Rec	
19199918	Chloroethane-D5	116	%Rec	
865496	Chloroform-D1	116	%Rec	
2037265	Toluene-d8	105	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**137**	%Rec	

Sample Information

LCS1138A2 Lab Control Std#2

Description : Lab Control Standard Dup.

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/18/2011 7:36:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051811

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	98	%Rec	
71556	1,1,1-Trichloroethane	98	%Rec	
79005	1,1,2-Trichloroethane	108	%Rec	
75343	1,1-Dichloroethane	116	%Rec	
75354	1,1-Dichloroethene	122	%Rec	
87616	1,2,3-Trichlorobenzene	106	%Rec	
96184	1,2,3-Trichloropropane	125	%Rec	
120821	1,2,4-Trichlorobenzene	106	%Rec	
96128	1,2-Dibromo-3-chloropropane	95	%Rec	
107062	1,2-Dichloroethane	121	%Rec	
78875	1,2-Dichloropropane	107	%Rec	
78933	2-Butanone	131	%Rec	
591786	2-Hexanone	68	%Rec	
108101	2-Pentanone, 4-methyl-	102	%Rec	
67641	2-Propanone	111	%Rec	
79209	Acetic acid, methyl ester	107	%Rec	
107131	Acrylonitrile	123	%Rec	
98828	Benzene, (1-methylethyl)-	10	%Rec	
71432	Benzene, (71432)	112	%Rec	
95501	Benzene, 1,2-dichloro-	109	%Rec	
541731	Benzene, 1,3-dichloro-	111	%Rec	
106467	Benzene, 1,4-dichloro-	113	%Rec	
108907	Benzene, chloro-	115	%Rec	
100425	Benzene, ethenyl-	97	%Rec	
74975	Bromochloromethane	127	%Rec	
75274	Bromodichloromethane	99	%Rec	
75252	Bromoform	85	%Rec	
74839	Bromomethane	108	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	**93**	%Rec	
56235	Carbon Tetrachloride	**93**	%Rec	
156592	cis-1,2-Dichloroethene	**120**	%Rec	
10061015	cis-1,3-Dichloropropene	**93**	%Rec	
110827	Cyclohexane	**111**	%Rec	
108872	Cyclohexane, methyl-	**108**	%Rec	
124481	Dibromochloromethane	**92**	%Rec	
74953	Dibromomethane	**117**	%Rec	
75092	Dichloromethane	**117**	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	**97**	%Rec	
106934	Ethane, 1,2-dibromo-	**115**	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	**123**	%Rec	
79016	Ethene, trichloro-	**122**	%Rec	
75003	Ethyl Chloride	**120**	%Rec	
100414	Ethylbenzene	**101**	%Rec	
75694	Freon 11	**123**	%Rec	
76131	Freon 113	**116**	%Rec	
75718	Freon 12	**136**	%Rec	
87683	Hexachlorobutadiene	**118**	%Rec	
74873	Methane, chloro-	**109**	%Rec	
67663	Methane, trichloro-	**117**	%Rec	
1634044	Methyl tert butylether (MTBE)	**112**	%Rec	
*1330207	MP-Xylene	**99**	%Rec	
91203	Naphthalene	**108**	%Rec	
95476	o-Xylene	**98**	%Rec	
127184	Tetrachloroethene	**126**	%Rec	
108883	Toluene	**105**	%Rec	
10061026	Trans-1,3-Dichloropropene	**91**	%Rec	
75014	Vinyl Chloride	**106**	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	**94**	%Rec	
22280735	1,1-Dichloroethylene-d2	**67**	%Rec	
2199691	1,2-Dichlorobenzene-d4	**99**	%Rec	
17060070	1,2-Dichloroethane-d4	**102**	%Rec	
93952080	1,2-dichloropropane-d6	**94**	%Rec	
202656233	1,3-Dichloropropene-d14	**83**	%Rec	
24313506	2-Butanone-D5	**82**	%Rec	
4840828	2-Hexanone-D5	**75**	%Rec	
1076433	Benzene-D6	**92**	%Rec	
19199918	Chloroethane-D5	**41**	%Rec	
865496	Chloroform-D1	**93**	%Rec	
2037265	Toluene-d8	**98**	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**23**	%Rec	

Sample Information

LCS1139A2 Lab Control Std#2

Description : Lab Control Standard Dup.

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/19/2011 9:57:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051911

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	93	%Rec	
71556	1,1,1-Trichloroethane	98	%Rec	
79005	1,1,2-Trichloroethane	114	%Rec	
75343	1,1-Dichloroethane	113	%Rec	
75354	1,1-Dichloroethene	105	%Rec	
87616	1,2,3-Trichlorobenzene	115	%Rec	
96184	1,2,3-Trichloropropane	130	%Rec	
120821	1,2,4-Trichlorobenzene	115	%Rec	
96128	1,2-Dibromo-3-chloropropane	93	%Rec	
107062	1,2-Dichloroethane	133	%Rec	
78875	1,2-Dichloropropane	127	%Rec	
78933	2-Butanone	139	%Rec	
591786	2-Hexanone	120	%Rec	
108101	2-Pentanone, 4-methyl-	116	%Rec	
67641	2-Propanone	137	%Rec	
79209	Acetic acid, methyl ester	117	%Rec	
107131	Acrylonitrile	141	%Rec	
98828	Benzene, (1-methylethyl)-	111	%Rec	
71432	Benzene, (71432)	122	%Rec	
95501	Benzene, 1,2-dichloro-	113	%Rec	
541731	Benzene, 1,3-dichloro-	115	%Rec	
106467	Benzene, 1,4-dichloro-	115	%Rec	
108907	Benzene, chloro-	118	%Rec	
100425	Benzene, ethenyl-	101	%Rec	
74975	Bromochloromethane	115	%Rec	
75274	Bromodichloromethane	100	%Rec	
75252	Bromoform	81	%Rec	
74839	Bromomethane	121	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	109	%Rec	
56235	Carbon Tetrachloride	84	%Rec	
156592	cis-1,2-Dichloroethene	122	%Rec	
10061015	cis-1,3-Dichloropropene	98	%Rec	
110827	Cyclohexane	130	%Rec	
108872	Cyclohexane, methyl-	106	%Rec	
124481	Dibromochloromethane	88	%Rec	
74953	Dibromomethane	118	%Rec	
75092	Dichloromethane	108	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	107	%Rec	
106934	Ethane, 1,2-dibromo-	118	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	106	%Rec	
79016	Ethene, trichloro-	141	%Rec	
75003	Ethyl Chloride	127	%Rec	
100414	Ethylbenzene	108	%Rec	
75694	Freon 11	134	%Rec	
76131	Freon 113	124	%Rec	
75718	Freon 12	139	%Rec	
87683	Hexachlorobutadiene	103	%Rec	
74873	Methane, chloro-	142	%Rec	
67663	Methane, trichloro-	124	%Rec	
1634044	Methyl tert butylether (MTBE)	121	%Rec	
*1330207	MP-Xylene	107	%Rec	
91203	Naphthalene	120	%Rec	
95476	o-Xylene	109	%Rec	
127184	Tetrachloroethene	133	%Rec	
108883	Toluene	118	%Rec	
10061026	Trans-1,3-Dichloropropene	91	%Rec	
75014	Vinyl Chloride	124	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	97	%Rec	
22280735	1,1-Dichloroethylene-d2	60	%Rec	
2199691	1,2-Dichlorobenzene-d4	100	%Rec	
17060070	1,2-Dichloroethane-d4	111	%Rec	
93952080	1,2-dichloropropane-d6	103	%Rec	
202656233	1,3-Dichloropropene-d14	84	%Rec	
24313506	2-Butanone-D5	84	%Rec	
4840828	2-Hexanone-D5	79	%Rec	
1076433	Benzene-D6	96	%Rec	
19199918	Chloroethane-D5	35	%Rec	
865496	Chloroform-D1	94	%Rec	
2037265	Toluene-d8	101	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**17**	%Rec	

Sample Information

LCS1143A2 Lab Control Std#2

Description : Lab Control Standard Dup.

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 7:27:00AM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	93	%Rec	
71556	1,1,1-Trichloroethane	109	%Rec	
79005	1,1,2-Trichloroethane	106	%Rec	
75343	1,1-Dichloroethane	126	%Rec	
75354	1,1-Dichloroethene	140	%Rec	
87616	1,2,3-Trichlorobenzene	88	%Rec	
96184	1,2,3-Trichloropropane	106	%Rec	
120821	1,2,4-Trichlorobenzene	83	%Rec	
96128	1,2-Dibromo-3-chloropropane	78	%Rec	
107062	1,2-Dichloroethane	123	%Rec	
78875	1,2-Dichloropropane	115	%Rec	
78933	2-Butanone	106	%Rec	
591786	2-Hexanone	66	%Rec	
108101	2-Pentanone, 4-methyl-	102	%Rec	
67641	2-Propanone	121	%Rec	
79209	Acetic acid, methyl ester	110	%Rec	
107131	Acrylonitrile	129	%Rec	
98828	Benzene, (1-methylethyl)-	98	%Rec	
71432	Benzene, (71432)	117	%Rec	
95501	Benzene, 1,2-dichloro-	101	%Rec	
541731	Benzene, 1,3-dichloro-	100	%Rec	
106467	Benzene, 1,4-dichloro-	100	%Rec	
108907	Benzene, chloro-	105	%Rec	
100425	Benzene, ethenyl-	104	%Rec	
74975	Bromochloromethane	126	%Rec	
75274	Bromodichloromethane	103	%Rec	
75252	Bromoform	80	%Rec	
74839	Bromomethane	103	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	103	%Rec	
56235	Carbon Tetrachloride	99	%Rec	
156592	cis-1,2-Dichloroethene	120	%Rec	
10061015	cis-1,3-Dichloropropene	99	%Rec	
110827	Cyclohexane	136	%Rec	
108872	Cyclohexane, methyl-	113	%Rec	
124481	Dibromochloromethane	90	%Rec	
74953	Dibromomethane	125	%Rec	
75092	Dichloromethane	112	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	93	%Rec	
106934	Ethane, 1,2-dibromo-	103	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	133	%Rec	
79016	Ethene, trichloro-	117	%Rec	
75003	Ethyl Chloride	139	%Rec	
100414	Ethylbenzene	104	%Rec	
75694	Freon 11	146	%Rec	
76131	Freon 113	124	%Rec	
75718	Freon 12	125	%Rec	
87683	Hexachlorobutadiene	106	%Rec	
74873	Methane, chloro-	126	%Rec	
67663	Methane, trichloro-	123	%Rec	
1634044	Methyl tert butylether (MTBE)	127	%Rec	
*1330207	MP-Xylene	106	%Rec	
91203	Naphthalene	90	%Rec	
95476	o-Xylene	104	%Rec	
127184	Tetrachloroethene	124	%Rec	
108883	Toluene	103	%Rec	
10061026	Trans-1,3-Dichloropropene	90	%Rec	
75014	Vinyl Chloride	110	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	99	%Rec	
22280735	1,1-Dichloroethylene-d2	46	%Rec	
2199691	1,2-Dichlorobenzene-d4	100	%Rec	
17060070	1,2-Dichloroethane-d4	108	%Rec	
93952080	1,2-dichloropropane-d6	102	%Rec	
202656233	1,3-Dichloropropene-d14	91	%Rec	
24313506	2-Butanone-D5	92	%Rec	
4840828	2-Hexanone-D5	78	%Rec	
1076433	Benzene-D6	89	%Rec	
19199918	Chloroethane-D5	19	%Rec	
865496	Chloroform-D1	100	%Rec	
2037265	Toluene-d8	96	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**1.1**	%Rec	

Sample Information

LCS1144A2 Lab Control Std#2

Description : Lab Control Standard Dup.

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/24/2011 8:59:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052411

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	90	%Rec	
71556	1,1,1-Trichloroethane	107	%Rec	
79005	1,1,2-Trichloroethane	106	%Rec	
75343	1,1-Dichloroethane	113	%Rec	
75354	1,1-Dichloroethene	99	%Rec	
87616	1,2,3-Trichlorobenzene	98	%Rec	
96184	1,2,3-Trichloropropane	104	%Rec	
120821	1,2,4-Trichlorobenzene	95	%Rec	
96128	1,2-Dibromo-3-chloropropane	86	%Rec	
107062	1,2-Dichloroethane	116	%Rec	
78875	1,2-Dichloropropane	109	%Rec	
78933	2-Butanone	102	%Rec	
591786	2-Hexanone	100	%Rec	
108101	2-Pentanone, 4-methyl-	97	%Rec	
67641	2-Propanone	108	%Rec	
79209	Acetic acid, methyl ester	106	%Rec	
107131	Acrylonitrile	114	%Rec	
98828	Benzene, (1-methylethyl)-	93	%Rec	
71432	Benzene, (71432)	113	%Rec	
95501	Benzene, 1,2-dichloro-	102	%Rec	
541731	Benzene, 1,3-dichloro-	101	%Rec	
106467	Benzene, 1,4-dichloro-	102	%Rec	
108907	Benzene, chloro-	107	%Rec	
100425	Benzene, ethenyl-	98	%Rec	
74975	Bromochloromethane	101	%Rec	
75274	Bromodichloromethane	102	%Rec	
75252	Bromoform	74	%Rec	
74839	Bromomethane	104	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	93	%Rec	
56235	Carbon Tetrachloride	103	%Rec	
156592	cis-1,2-Dichloroethene	111	%Rec	
10061015	cis-1,3-Dichloropropene	97	%Rec	
110827	Cyclohexane	131	%Rec	
108872	Cyclohexane, methyl-	103	%Rec	
124481	Dibromochloromethane	90	%Rec	
74953	Dibromomethane	121	%Rec	
75092	Dichloromethane	105	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	92	%Rec	
106934	Ethane, 1,2-dibromo-	103	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	104	%Rec	
79016	Ethene, trichloro-	117	%Rec	
75003	Ethyl Chloride	115	%Rec	
100414	Ethylbenzene	99	%Rec	
75694	Freon 11	125	%Rec	
76131	Freon 113	123	%Rec	
75718	Freon 12	121	%Rec	
87683	Hexachlorobutadiene	108	%Rec	
74873	Methane, chloro-	125	%Rec	
67663	Methane, trichloro-	112	%Rec	
1634044	Methyl tert butylether (MTBE)	98	%Rec	
*1330207	MP-Xylene	101	%Rec	
91203	Naphthalene	97	%Rec	
95476	o-Xylene	101	%Rec	
127184	Tetrachloroethene	120	%Rec	
108883	Toluene	101	%Rec	
10061026	Trans-1,3-Dichloropropene	87	%Rec	
75014	Vinyl Chloride	107	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	98	%Rec	
22280735	1,1-Dichloroethylene-d2	90	%Rec	
2199691	1,2-Dichlorobenzene-d4	99	%Rec	
17060070	1,2-Dichloroethane-d4	112	%Rec	
93952080	1,2-dichloropropane-d6	106	%Rec	
202656233	1,3-Dichloropropene-d14	90	%Rec	
24313506	2-Butanone-D5	95	%Rec	
4840828	2-Hexanone-D5	72	%Rec	
1076433	Benzene-D6	106	%Rec	
19199918	Chloroethane-D5	69	%Rec	
865496	Chloroform-D1	105	%Rec	
2037265	Toluene-d8	102	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**57**	%Rec	

Sample Information

LCS1145A2 Lab Control Std#2

Description : Lab Control Standard Dup.

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/25/2011 4:04:00PM

Batch ID: A-8260-M-KRYTEN-SRE-052511

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	98	%Rec	
71556	1,1,1-Trichloroethane	108	%Rec	
79005	1,1,2-Trichloroethane	107	%Rec	
75343	1,1-Dichloroethane	113	%Rec	
75354	1,1-Dichloroethene	119	%Rec	
87616	1,2,3-Trichlorobenzene	111	%Rec	
96184	1,2,3-Trichloropropane	106	%Rec	
120821	1,2,4-Trichlorobenzene	102	%Rec	
96128	1,2-Dibromo-3-chloropropane	91	%Rec	
107062	1,2-Dichloroethane	109	%Rec	
78875	1,2-Dichloropropane	107	%Rec	
78933	2-Butanone	92	%Rec	
591786	2-Hexanone	100	%Rec	
108101	2-Pentanone, 4-methyl-	104	%Rec	
67641	2-Propanone	100	%Rec	
79209	Acetic acid, methyl ester	110	%Rec	
107131	Acrylonitrile	112	%Rec	
98828	Benzene, (1-methylethyl)-	95	%Rec	
71432	Benzene, (71432)	110	%Rec	
95501	Benzene, 1,2-dichloro-	104	%Rec	
541731	Benzene, 1,3-dichloro-	105	%Rec	
106467	Benzene, 1,4-dichloro-	101	%Rec	
108907	Benzene, chloro-	103	%Rec	
100425	Benzene, ethenyl-	98	%Rec	
74975	Bromochloromethane	103	%Rec	
75274	Bromodichloromethane	104	%Rec	
75252	Bromoform	88	%Rec	
74839	Bromomethane	113	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	102	%Rec	
56235	Carbon Tetrachloride	99	%Rec	
156592	cis-1,2-Dichloroethene	113	%Rec	
10061015	cis-1,3-Dichloropropene	102	%Rec	
110827	Cyclohexane	122	%Rec	
108872	Cyclohexane, methyl-	96	%Rec	
124481	Dibromochloromethane	96	%Rec	
74953	Dibromomethane	118	%Rec	
75092	Dichloromethane	105	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	102	%Rec	
106934	Ethane, 1,2-dibromo-	93	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	103	%Rec	
79016	Ethene, trichloro-	109	%Rec	
75003	Ethyl Chloride	111	%Rec	
100414	Ethylbenzene	99	%Rec	
75694	Freon 11	118	%Rec	
76131	Freon 113	118	%Rec	
75718	Freon 12	109	%Rec	
87683	Hexachlorobutadiene	113	%Rec	
74873	Methane, chloro-	124	%Rec	
67663	Methane, trichloro-	104	%Rec	
1634044	Methyl tert butylether (MTBE)	92	%Rec	
*1330207	MP-Xylene	99	%Rec	
91203	Naphthalene	106	%Rec	
95476	o-Xylene	101	%Rec	
127184	Tetrachloroethene	107	%Rec	
108883	Toluene	100	%Rec	
10061026	Trans-1,3-Dichloropropene	94	%Rec	
75014	Vinyl Chloride	101	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	110	%Rec	
22280735	1,1-Dichloroethylene-d2	94	%Rec	
2199691	1,2-Dichlorobenzene-d4	100	%Rec	
17060070	1,2-Dichloroethane-d4	106	%Rec	
93952080	1,2-dichloropropane-d6	107	%Rec	
202656233	1,3-Dichloropropene-d14	94	%Rec	
24313506	2-Butanone-D5	109	%Rec	
4840828	2-Hexanone-D5	89	%Rec	
1076433	Benzene-D6	103	%Rec	
19199918	Chloroethane-D5	70	%Rec	
865496	Chloroform-D1	113	%Rec	
2037265	Toluene-d8	101	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**55**	%Rec	

Sample Information

LCS1137A4 Lab Control Std#4

Description : Lab Control Standard #4

Sampling Date/Time :

Matrix : Water

Field Sample ID :

VOA

Method Information

Lab Matrix : Water

Data Package :PKG# 1218

Preparation Method(s):
5030 - Purge and Trap

Analysis Date/Time: 5/17/2011 7:39:00PM

Batch ID: A-8260-M-KRYTEN-SRE-051711

Analytical Method:
8260-M - VOA

Spiked Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
630206	1,1,1,2-Tetrachloroethane	101	%Rec	
71556	1,1,1-Trichloroethane	105	%Rec	
79005	1,1,2-Trichloroethane	102	%Rec	
75343	1,1-Dichloroethane	109	%Rec	
75354	1,1-Dichloroethene	102	%Rec	
87616	1,2,3-Trichlorobenzene	95	%Rec	
96184	1,2,3-Trichloropropane	106	%Rec	
120821	1,2,4-Trichlorobenzene	99	%Rec	
96128	1,2-Dibromo-3-chloropropane	90	%Rec	
107062	1,2-Dichloroethane	104	%Rec	
78875	1,2-Dichloropropane	108	%Rec	
78933	2-Butanone	93	%Rec	
591786	2-Hexanone	96	%Rec	
108101	2-Pentanone, 4-methyl-	102	%Rec	
67641	2-Propanone	88	%Rec	
79209	Acetic acid, methyl ester	103	%Rec	
107131	Acrylonitrile	107	%Rec	
98828	Benzene, (1-methylethyl)-	10	%Rec	
71432	Benzene, (71432)	104	%Rec	
95501	Benzene, 1,2-dichloro-	103	%Rec	
541731	Benzene, 1,3-dichloro-	103	%Rec	
106467	Benzene, 1,4-dichloro-	104	%Rec	
108907	Benzene, chloro-	107	%Rec	
100425	Benzene, ethenyl-	100	%Rec	
74975	Bromochloromethane	107	%Rec	
75274	Bromodichloromethane	104	%Rec	
75252	Bromoform	106	%Rec	
74839	Bromomethane	116	%Rec	

VOA

Spiked Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
75150	Carbon disulfide	102	%Rec	
56235	Carbon Tetrachloride	98	%Rec	
156592	cis-1,2-Dichloroethene	106	%Rec	
10061015	cis-1,3-Dichloropropene	100	%Rec	
110827	Cyclohexane	103	%Rec	
108872	Cyclohexane, methyl-	91	%Rec	
124481	Dibromochloromethane	102	%Rec	
74953	Dibromomethane	94	%Rec	
75092	Dichloromethane	103	%Rec	
79345	Ethane, 1,1,2,2-tetrachloro-	107	%Rec	
106934	Ethane, 1,2-dibromo-	92	%Rec	
156605	Ethene, 1,2-dichloro-, (E)-	104	%Rec	
79016	Ethene, trichloro-	100	%Rec	
75003	Ethyl Chloride	109	%Rec	
100414	Ethylbenzene	100	%Rec	
75694	Freon 11	104	%Rec	
76131	Freon 113	103	%Rec	
75718	Freon 12	102	%Rec	
87683	Hexachlorobutadiene	92	%Rec	
74873	Methane, chloro-	105	%Rec	
67663	Methane, trichloro-	98	%Rec	
1634044	Methyl tert butylether (MTBE)	111	%Rec	
*1330207	MP-Xylene	101	%Rec	
91203	Naphthalene	97	%Rec	
95476	o-Xylene	105	%Rec	
127184	Tetrachloroethene	106	%Rec	
108883	Toluene	104	%Rec	
10061026	Trans-1,3-Dichloropropene	97	%Rec	
75014	Vinyl Chloride	98	%Rec	

Surrogate Compounds

Analyte Code	Analyte Name	Result	Unit	Qual.
33685540	1,1,2,2-Tetrachloroethane-D2	107	%Rec	
22280735	1,1-Dichloroethylene-d2	77	%Rec	
2199691	1,2-Dichlorobenzene-d4	99	%Rec	
17060070	1,2-Dichloroethane-d4	97	%Rec	
93952080	1,2-dichloropropane-d6	101	%Rec	
202656233	1,3-Dichloropropene-d14	93	%Rec	
24313506	2-Butanone-D5	102	%Rec	
4840828	2-Hexanone-D5	99	%Rec	
1076433	Benzene-D6	97	%Rec	
19199918	Chloroethane-D5	66	%Rec	
865496	Chloroform-D1	103	%Rec	
2037265	Toluene-d8	100	%Rec	

VOA

Surrogate Compounds (cont.)

Analyte Code	Analyte Name	Result	Unit	Qual.
6745353	Vinyl chloride-D3	**43**	%Rec	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 LABORATORY
7411 Beach Dr. East
Port Orchard, Washington 98366

CORRECTIVE ACTION NOTICE

Project Name:	Northern Plume SI	Date Received:	5/12/2011
Project Code:	TEC-995A	Sampling Agency	EA ENGINEERING
Account Code:	11T10P302DD2C10ZZLA00	Sampler(s):	Bernie Zavala, Mark Blimstrub
Project Officer:	Bernie Zavala		
Phone:	206-553-1562	Recorder:	Bernie Zavala

Sample Numbers: **11194100-17, 19-23**

1	**Number of shipping containers received**
0	**Number of shipping containers received with errors**
2	**Number of chains of custody received**
0	**Number of chains of custody received with errors**

# Containers	Description of Shipment/Chain of Custody Container Issues Noted:
0	Shipping Container - Addressed incorrectly (must be addressed to 'Sample Custodian')
0	Shipping Container - Samples improperly packed for shipment
0	Shipping Container - Cooler Return information not provided
0	Custody Seals - Custody Samples received with seals missing/broken
0	Chain of Custody - Missing/Outdated Form
0	Chain of Custody - Missing/Incorrect chain of custody header information

23	**Number of samples received in this shipment**
23	**Number of samples received with critical and/or non-critical errors**
0	**Number of samples received with critical errors**

# Samples	Description of Shipment/Chain of Custody/Sample Container Issues Noted:
0	Chain of Custody - Missing/Incorrect EPA numbers
0	Chain of Custody - No analysis/Incorrect analysis listed for received samples
0	Chain of Custody - Samples listed not included in shipment
23	Unique Container ID* - Missing on COC and/or Not written on the container
0	Unique Container ID* - Incorrectly assigned
0	Sample Container - Labels Missing/Damaged/Illegible
0	Sample Container - EPA Sample Numbers Missing/Incorrect
0	Custody Seals - Criminal Samples received with seals missing/broken
0	Sample Container - Received at elevated temperature (above 6°C)
0	Sample Container - Sample preservation requirements not met
0	Sample Container - Broken/Leaking
0	Sample Container- Insufficient sample volume and/or incorrect sample container
0	

* per Region 10 Sample Receiving SOP

Additional Information

Transmitted By: Karen Norton/ESAT

Date: 5/13/2011

Original: File

RSCC Contact: Jennifer Crawford

Project Officer: Bernie Zavala

Laboratory Director: Barry Pepich

Laboratory Staff: Gerald Dodo, Chris Pace, Carol Haines, Steve Reimer, Doug Wood, Kim Wood

cc:

Appendix C

Laboratory Results for Monitoring Well Samples

Groundwater Analysis for Metals and VOCs

Sampling Location: AMW-5A
Sample Date: 4/20/2011
Sample Type: N **Sampling Method:** PDBS
Sample ID: 1116032

	Analyte	Result	Lab/Validation Qualifier	Unit of Measure	CAS Number
8260C	1,1,1-TRICHLOROETHANE	0.5	U	ug/l	71-55-6
8260C	1,1,2,2-TETRACHLOROETHANE	0.5	U	ug/l	79-34-5
8260C	1,1-DICHLOROETHYLENE	0.5	U	ug/l	75-35-4
8260C	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2	U	ug/l	96-12-8
8260C	1,2-DICHLOROETHANE	0.5	U	ug/l	107-06-2
8260C	BROMODICHLOROMETHANE	0.5	U	ug/l	75-27-4
8260C	CARBON TETRACHLORIDE	0.5	U	ug/l	56-23-5
8260C	CFC-11	0.5	U	ug/l	75-69-4
8260C	CHLORODIBROMOMETHANE	0.5	U	ug/l	124-48-1
8260C	CIS-1,2-DICHLOROETHENE	0.5	U	ug/l	156-59-2
8260C	DICHLOROMETHANE	2	U	ug/l	75-09-2
8260C	HEXACHLORO-1,3-BUTADIENE	2	U	ug/l	87-68-3
8260C	TETRACHLOROETHENE	0.5	U	ug/l	127-18-4
8260C	TRANS-1,2-DICHLOROETHENE	0.5	U	ug/l	156-60-5
8260C	TRICHLOROETHYLENE	0.5	U	ug/l	79-01-6
8260C	VINYL CHLORIDE	0.5	U	ug/l	75-01-4

Groundwater Analysis for Metals and VOCs

Sampling Location: AMW-17
Sample Date: 4/19/2011
Sample Type: N **Sampling Method:** LOW FLOW
Sample ID: 1116020

	Analyte	Result	Lab/Validation Qualifier	Unit of Measure	CAS Number
8260C	1,1,1-TRICHLOROETHANE	1.3		ug/l	71-55-6
8260C	1,1,2,2-TETRACHLOROETHANE	0.5	U	ug/l	79-34-5
8260C	1,1-DICHLOROETHYLENE	0.89		ug/l	75-35-4
8260C	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2	U	ug/l	96-12-8
8260C	1,2-DICHLOROETHANE	0.5	U	ug/l	107-06-2
8260C	BROMODICHLOROMETHANE	0.5	U	ug/l	75-27-4
8260C	CARBON TETRACHLORIDE	0.5	U	ug/l	56-23-5
8260C	CFC-11	0.5	U	ug/l	75-69-4
8260C	CHLORODIBROMOMETHANE	0.5	U	ug/l	124-48-1
8260C	CIS-1,2-DICHLOROETHENE	0.5	U	ug/l	156-59-2
8260C	DICHLOROMETHANE	2	U	ug/l	75-09-2
8260C	HEXACHLORO-1,3-BUTADIENE	2	U	ug/l	87-68-3
8260C	TETRACHLOROETHENE	0.27	J	ug/l	127-18-4
8260C	TRANS-1,2-DICHLOROETHENE	0.5	U	ug/l	156-60-5
8260C	TRICHLOROETHYLENE	29		ug/l	79-01-6
8260C	VINYL CHLORIDE	0.5	U	ug/l	75-01-4

Groundwater Analysis for Metals and VOCs

Sampling Location: AMW-18
Sample Date: 4/19/2011
Sample Type: N **Sampling Method:** PDBS
Sample ID: 1116021

	Analyte	Result	Lab/Validation Qualifier	Unit of Measure	CAS Number
8260C	1,1,1-TRICHLOROETHANE	0.71		ug/l	71-55-6
8260C	1,1,2,2-TETRACHLOROETHANE	0.5	U	ug/l	79-34-5
8260C	1,1-DICHLOROETHYLENE	0.18	J	ug/l	75-35-4
8260C	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2	U	ug/l	96-12-8
8260C	1,2-DICHLOROETHANE	0.5	U	ug/l	107-06-2
8260C	BROMODICHLOROMETHANE	0.5	U	ug/l	75-27-4
8260C	CARBON TETRACHLORIDE	0.5	U	ug/l	56-23-5
8260C	CFC-11	0.5	U	ug/l	75-69-4
8260C	CHLORODIBROMOMETHANE	0.5	U	ug/l	124-48-1
8260C	CIS-1,2-DICHLOROETHENE	0.5	U	ug/l	156-59-2
8260C	DICHLOROMETHANE	2	U	ug/l	75-09-2
8260C	HEXACHLORO-1,3-BUTADIENE	2	U	ug/l	87-68-3
8260C	TETRACHLOROETHENE	0.31	J	ug/l	127-18-4
8260C	TRANS-1,2-DICHLOROETHENE	0.5	U	ug/l	156-60-5
8260C	TRICHLOROETHYLENE	75	D	ug/l	79-01-6
8260C	VINYL CHLORIDE	0.5	U	ug/l	75-01-4

Groundwater Analysis for Metals and VOCs

Sampling Location: MW-15E
Sample Date: 4/19/2011
Sample Type: N **Sampling Method:** PDBS
Sample ID: 1116024

	Analyte	Result	Lab/Validation Qualifier	Unit of Measure	CAS Number
8260C	1,1,1-TRICHLOROETHANE	0.08	J	ug/l	71-55-6
8260C	1,1,2,2-TETRACHLOROETHANE	0.5	U	ug/l	79-34-5
8260C	1,1-DICHLOROETHYLENE	0.5	U	ug/l	75-35-4
8260C	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2	U	ug/l	96-12-8
8260C	1,2-DICHLOROETHANE	0.5	U	ug/l	107-06-2
8260C	BROMODICHLOROMETHANE	0.5	U	ug/l	75-27-4
8260C	CARBON TETRACHLORIDE	0.5	U	ug/l	56-23-5
8260C	CFC-11	0.14	J	ug/l	75-69-4
8260C	CHLORODIBROMOMETHANE	0.5	U	ug/l	124-48-1
8260C	CIS-1,2-DICHLOROETHENE	0.5	U	ug/l	156-59-2
8260C	DICHLOROMETHANE	2	U	ug/l	75-09-2
8260C	HEXACHLORO-1,3-BUTADIENE	2	U	ug/l	87-68-3
8260C	TETRACHLOROETHENE	0.26	J	ug/l	127-18-4
8260C	TRANS-1,2-DICHLOROETHENE	0.5	U	ug/l	156-60-5
8260C	TRICHLOROETHYLENE	5.5		ug/l	79-01-6
8260C	VINYL CHLORIDE	0.5	U	ug/l	75-01-4

Groundwater Analysis for Metals and VOCs

Sampling Location: MW-38
Sample Date: 4/19/2011
Sample Type: N **Sampling Method:** PDBS
Sample ID: 1116023

	Analyte	Result	Lab/Validation Qualifier	Unit of Measure	CAS Number
8260C	1,1,1-TRICHLOROETHANE	0.21	J	ug/l	71-55-6
8260C	1,1,2,2-TETRACHLOROETHANE	0.5	U	ug/l	79-34-5
8260C	1,1-DICHLOROETHYLENE	0.23	J	ug/l	75-35-4
8260C	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2	U	ug/l	96-12-8
8260C	1,2-DICHLOROETHANE	0.5	U	ug/l	107-06-2
8260C	BROMODICHLOROMETHANE	0.5	U	ug/l	75-27-4
8260C	CARBON TETRACHLORIDE	0.5	U	ug/l	56-23-5
8260C	CFC-11	0.19	J	ug/l	75-69-4
8260C	CHLORODIBROMOMETHANE	0.5	U	ug/l	124-48-1
8260C	CIS-1,2-DICHLOROETHENE	0.19	J	ug/l	156-59-2
8260C	DICHLOROMETHANE	2	U	ug/l	75-09-2
8260C	HEXACHLORO-1,3-BUTADIENE	2	U	ug/l	87-68-3
8260C	TETRACHLOROETHENE	1		ug/l	127-18-4
8260C	TRANS-1,2-DICHLOROETHENE	0.5	U	ug/l	156-60-5
8260C	TRICHLOROETHYLENE	11		ug/l	79-01-6
8260C	VINYL CHLORIDE	0.5	U	ug/l	75-01-4

Groundwater Analysis for Metals and VOCs

Sampling Location: PZ-39
Sample Date: 4/19/2011
Sample Type: N **Sampling Method:** PDBS
Sample ID: 1116022

	Analyte	Result	Lab/Validation Qualifier	Unit of Measure	CAS Number
8260C	1,1,1-TRICHLOROETHANE	1.4		ug/l	71-55-6
8260C	1,1,2,2-TETRACHLOROETHANE	0.5	U	ug/l	79-34-5
8260C	1,1-DICHLOROETHYLENE	3.6		ug/l	75-35-4
8260C	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2	U	ug/l	96-12-8
8260C	1,2-DICHLOROETHANE	0.5	U	ug/l	107-06-2
8260C	BROMODICHLOROMETHANE	0.5	U	ug/l	75-27-4
8260C	CARBON TETRACHLORIDE	0.5	U	ug/l	56-23-5
8260C	CFC-11	6.1		ug/l	75-69-4
8260C	CHLORODIBROMOMETHANE	0.5	U	ug/l	124-48-1
8260C	CIS-1,2-DICHLOROETHENE	1.1		ug/l	156-59-2
8260C	DICHLOROMETHANE	2	U	ug/l	75-09-2
8260C	HEXACHLORO-1,3-BUTADIENE	2	U	ug/l	87-68-3
8260C	TETRACHLOROETHENE	1.7		ug/l	127-18-4
8260C	TRANS-1,2-DICHLOROETHENE	0.5	U	ug/l	156-60-5
8260C	TRICHLOROETHYLENE	56		ug/l	79-01-6
8260C	VINYL CHLORIDE	0.5	U	ug/l	75-01-4